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Kaweah River Flows, Diversions and Storage 1970-1975

Bulletin 49-E
April 1978

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ON THE COVER. Snowpack in the Kaweah River watershed on May 15, 1967, a year when unimpaired runoff in the basin reached 267 percent of normal.

**Department of
Water Resources**

Bulletin 49-E

Kaweah River Flows, Diversions and Storage 1970 - 1975

Huey D. Johnson
Secretary for Resources

Edmund G. Brown Jr.
Governor

Ronald B. Robie
Director

**The Resources
Agency**

**State of
California**

**Department of
Water Resources**

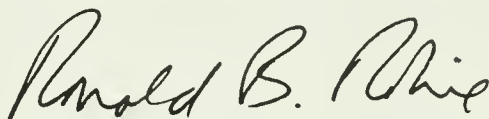
FOREWORD

This Bulletin 49E is the sixth in a series of reports published by the Department of Water Resources and its predecessors under cooperative agreement between the Kaweah Delta Water Conservation District, Kaweah River Association, St. Johns River Association, and the State of California.

The first report entitled Bulletin No. 49, "Kaweah River, Flows, Diversions, and Service Areas", was published in 1940 and presented all data available through September 30, 1939 covering some 22 years of record. Subsequent bulletins have been published at five-year intervals through September 30, 1960 as 49A, 49B, and 49C. Bulletin No. 49D presented data for the period October 1, 1960 to September 30, 1970.

Terminus Dam was completed in May 1962, at which time an interim contract between the U. S. Corps of Engineers and downstream interests was initiated for storage in Terminus Reservoir which changed the delivery schedules of Kaweah River water. On March 1, 1974, a new operation agreement was approved by the various agencies. A copy of this agreement is presented as Appendix D of this report.

The Department of Water Resources entered into Cooperative Agreement No. 161910 on March 25, 1977 with the Kaweah Delta Water Conservation District and the Kaweah and St. Johns Rivers Association to compile and publish this bulletin entitled Bulletin No. 49E, "Kaweah River, Flows, Diversions and Storage, 1970-1975", which presents data for the period October 1, 1970 through September 30, 1975. (A copy of Agreement No. 161910 is presented on the following page.)



Ronald B. Robie, Director
Department of Water Resources
State of California

AGREEMENT FOR PUBLICATION OF
KAWEAH RIVER STREAMFLOW AND DIVERSIONS RECORD

The Kaweah Delta Water Conservation District and the Kaweah and St. Johns Rivers Association, hereafter referred to as the "Agencies", and the State of California, acting by and through the Department of Water Resources, hereafter referred to as the "State", agree as follows:

A. RECITALS:

1. For the past five (5) years, measurements of streamflow and diversions and distributions of water of the Kaweah River have been made and recorded by local organizations.

2. Compiling, editing, and printing these records and other pertinent streamflow data in the form of an official publication of the State are desirable and advantageous to the parties hereto.

B. AGENCIES AND STATE agree that:

1. Agencies shall furnish, or cause to be furnished, to State, records of measurements of streamflow of Kaweah River and of diversion and distribution of water therefrom in Kaweah River Delta for the period October 1, 1970, to September 30, 1975, inclusive.

2. Agencies, upon their execution of this agreement, shall deposit with State the sum of \$15,000 for expenditure by State in performing work provided for in this agreement. Each of the Agencies shall contribute to the total amount deposited with State as follows: Kaweah Delta Water Conservation District, \$5,000, and Kaweah and St. Johns Rivers Association, \$10,000.

3. State, at the earliest practicable date, shall compile, edit, and print a bulletin containing such records together with necessary and appropriate maps and other pertinent data for said period.

4. State shall supply Agencies with 450 copies of the printed bulletin.

5. State shall not be obligated to expend for the work any funds in excess of the amount made available under this agreement, and if such funds are exhausted before completion of the work, State may discontinue the work and shall not be liable or responsible for its completion.

6. Upon completion of the work, State shall furnish to Agencies a statement of expenditures, and any unexpended or unobligated balance in the deposit made by Agencies shall be returned to them for distribution in proportion to their contribution.

DATED: March 25, 1977

KAWEAH DELTA WATER CONSERVATION DISTRICT

KAWEAH AND ST. JOHNS RIVERS ASSOCIATION

By /s/ Gordon Greening
President

By /s/ Gordon Greening
President

By /s/ Leon J. Chrisman
Secretary

By /s/ Leon J. Chrisman
Secretary

Approved as to Legal Form and Sufficiency

STATE OF CALIFORNIA
Department of Water Resources

/s/ V. L. Cline (for)
Chief Counsel, Department of
Water Resources

/s/ Carl L. Stetson
Chief
San Joaquin District

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STATE OF CALIFORNIA
Edmund G. Brown Jr., Governor

THE RESOURCES AGENCY
Huey D. Johnson, Secretary for Resources

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ACKNOWLEDGMENT

All records of streamflow of the Kaweah River (except the discharge of the Kaweah River at Three Rivers, South Fork Kaweah River near Three Rivers, Dry Creek near Lemon Cove, and Lemon Cove Ditch, which were obtained from the U. S. Geological Survey publication) and the diversion, distribution and storage of water in Terminus Reservoir were furnished in annual report form by the St. Johns River Association and the Kaweah River Association.

Leon J. Chrisman, Watermaster

Civil Engineer

Max Garver, Assistant Watermaster

Civil Engineer

CONVERSION FACTORS

English to Metric System of Measurement

<u>Quantity</u>	<u>English unit</u>	<u>Multiply by</u>	<u>To get metric equivalent</u>
Length	inches (in)	25.4	millimetres (mm)
		.0254	metres (m)
	feet (ft)	.3048	metres (m)
	miles (mi)	1.6093	kilometres (km)
Area	square inches (in ²)	6.4516×10^{-4}	square metres (m ²)
	square feet (ft ²)	.092903	square metres (m ²)
	acres	4046.9	square metres (m ²)
		.40469	hectares (ha)
		.40469	square hectometres (hm ²)
		.0040469	square kilometres (km ²)
	square miles (mi ²)	2.590	square kilometres (km ²)
Volume	gallons (gal)	3.7854	litres (l)
		.0037854	cubic metres (m ³)
	million gallons (10 ⁶ gal)	3785.4	cubic metres (m ³)
	cubic feet (ft ³)	.028317	cubic metres (m ³)
	cubic yards (yd ³)	.76455	cubic metres (m ³)
	acre-feet (ac-ft)	1233.5	cubic metres (m ³)
		.0012335	cubic hectometres (hm ³)
Volume/Time (Flow)		1.233×10^{-6}	cubic kilometres (km ³)
	cubic feet per second (ft ³ /s)	28.317	litres per second (l/s)
		.028317	cubic metres per second (m ³ /s)
	gallons per minute (gal/min)	.06309	litres per second (l/s)
		6.309×10^{-5}	cubic metres per second (m ³ /s)
	million gallons per day (mgd)	.043813	cubic metres per second (m ³ /s)
Mass	pounds (lb)	.45359	kilograms (kg)
	tons (short, 2,000 lb)	.90718	tonne (t)
		907.18	kilograms (kg)
Power	horsepower (hp)	0.7460	kilowatts (kW)
Pressure	pounds per square inch (psi)	6894.8	pascal (Pa)
Temperature	Degrees Fahrenheit (°F)	$\frac{t_F - 32}{1.8} = t_C$	Degrees Celsius (°C)

INTRODUCTION

The Kaweah River drains a watershed on the western slope of the Sierra Nevada in Tulare County adjoining that of the Kings River on the north and the Tule River on the south, and extending on the east to a secondary ridge parallel to the main ridge of the Sierra Nevada called the Great Western Divide which separates the Kaweah Basin from that of the upper Kern River. The headwaters rise in glacial lakes along the divide near Triple Divide Peak, elevation 12,651 feet. The main stream is formed near the town of Three Rivers, about 10 miles above the head of its delta, by the confluence of the North, Middle, and South Forks. West of the foothills, the river divides into several distributaries which cross the delta fan and enter Tulare Lake. The basin above the lower edge of the foothills is about 26 miles long with an average width of about 20 miles.

The drainage area on the Kaweah River watershed above the U. S. Geological Survey gaging station near Three Rivers is 418 square miles.

The existing major developments on the Kaweah River above Three Rivers consist of three power plants of the Southern California Edison Company, Kaweah No. 1, No. 2, and No. 3, having installed capacities of 2,500, 3,500, and 3,500 KVA (kilovolt amperes), respectively. The water supply for Kaweah No. 1 is diverted from the East Fork, Kaweah No. 3 diverts near the junction of the Marble Fork and Middle Fork, and diversion for Kaweah No. 2 is made from the Middle Fork immediately below the tailrace of Kaweah No. 3. These plants operate principally upon unregulated streamflow which does not materially alter the regimen of the stream below Three Rivers. The minor irrigation development along the Kaweah River above the head of its delta occurs mainly in the vicinity of Three Rivers and extends a few miles up each fork. Water required for the irrigation of citrus and deciduous orchards in this area, aggregating approximately 1,000 acres, is diverted through a series of ditches of small capacity.

Lands with irrigation service from the Kaweah River are situated within a gross area of approximately 600 square miles on the easterly slope of the San Joaquin Valley, extending some 20 miles north and south and 30 miles east and west. The northerly and westerly boundaries of the area coincide, in general, with the southerly boundary of the Alta and Ivanhoe Irrigation Districts and the easterly boundary of the Peoples Ditch Company of the Kings River service area. The area is bounded approximately on the east by the Exeter and Lindmore Irrigation Districts, and on the south by the northerly boundary

of the Lower Tule River Irrigation District and the southern portion of Corcoran Irrigation District. The extent of the gross area may be roughly outlined by lines joining the towns of Lemon Cove, Woodlake, Traver, and Hanford on the north; Hanford, Guernsey, and Waukena on the west; Waukena and Strathmore on the south; and Strathmore, Exeter, and Lemon Cove on the east. The cities of Visalia and Tulare are situated near the center of the main Kaweah River delta area which extends southwesterly from its head near Lemon Cove to the town of Waukena near the Tulare-Kings County line. Most of the areas served are organized as mutual water companies, ditch companies, and irrigation districts. About 1-1/4 miles west of Lemon Cove at McKay Point, the Kaweah River divides into the St. Johns and Kaweah Branches, the former traversing the northern portion of the main delta, and the latter the central and southern portions.

Gross areas entitled to the use of surface diversions from the Kaweah River aggregate approximately 270,500 acres. The diversions by individual canals are governed by their relative rights and priorities which have been established through appropriation, historical use, court decisions, and stipulations. The larger and more dependable part of the streamflow is diverted mainly through canals which head east of Visalia.

The construction of storage facilities included in the Terminus Dam Project, as authorized by the Flood Control Act of 1944, Public Law No. 534 (78th Congress, Second Session), was completed in May 1962, and a number of parties participated in benefits of storage provided by the project under a contract dated January 11, 1965, by and between the United States of America and Kaweah Delta Water Conservation District.

This report presents records of all available measurements of streamflow of the Kaweah River, canal diversions, Central Valley Project deliveries, and storage of water in Terminus Reservoir for the period October 1, 1970 to September 30, 1975. These records were furnished by the St. Johns River Association and the Kaweah River Association in annual report form for compilation in this Bulletin No. 49E.

Data in this bulletin are presented in four parts: Appendix A presents streamflow data; Appendix B presents canal diversion data for the Lower Kaweah River, St. Johns River, and Central Valley Project deliveries; and Appendix C presents storage operation data for the various entities, and operation pool storage.

Appendix D presents the Kaweah and St. Johns Rivers Association agreement.

APPENDIX A
STREAMFLOW RECORDS

INTRODUCTION

This appendix presents surface water data for the period October 1, 1970 to September 30, 1975. The data consist of mean daily discharge in cubic feet per second, monthly maximum and minimum flow in cubic feet per second, monthly acre-feet and total acre-feet for the year for each station.

Records were collected by the U. S. Geological Survey, U. S. Corps of Engineers, U. S. Bureau of Reclamation, the St. Johns River Association, and the Kaweah River Association.

Data presented herein were furnished in annual report form by the St. Johns River Association and the Kaweah River Association and published as received and are not necessarily rounded to the criteria of the Department of Water Resources. Station titles published herein may vary from those used in some of the annual reports from which the data were compiled.

TABLE A-1

KAWEAH RIVER AT THREE RIVERS

Location - Latitude 36°26'38", longitude 118°54'09", in southwest $\frac{1}{4}$, southwest $\frac{1}{4}$, Section 13, T17S,

R28E, Tulare County, on right bank opposite schoolhouse in Three Rivers, 0.2 mile downstream from North Fork Kaweah River.

Drainage area - 418 square miles

Period of record - October 1958 to current year.

Gage - Water-stage recorder. Datum of gage is 809.62 feet above mean sea level.

Average discharge - 17 years. 512 cfs, 380,400 acre-feet per year.

Extremes - Period of record: maximum discharge, 73000 cfs December 5, 1966 (gage height, 16.69 feet in gage well, 19.0 feet from floodmarks), from rating curve extended above 13,000 cfs on basis of slope area measurements at gage heights 13.68 and 16.69 feet; minimum, 14 cfs September 9, 1959, October 16, 1961. Flood of December 23, 1955, reached a stage of 17.9 feet from floodmarks.

Remarks - Records good. Diversions for 200 acres above station. Power is developed on the Middle and East Fork Kaweah River.

2099

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	32	40	220	184	319	236	633	661	713	532	124	52	1
2	31	39	359	197	314	222	633	693	756	506	120	49	2
3	30	39	262	166	298	244	649	685	738	492	119	52	3
4	32	39	209	163	278	246	685	637	805	464	114	52	4
5	32	54	191	158	268	240	717	605	880	422	107	45	5
6	33	79	182	155	260	222	734	673	915	384	103	43	6
7	34	79	182	152	258	234	637	756	1060	362	100	56	7
8	34	77	200	163	256	240	591	717	1200	340	94	53	8
9	33	67	277	153	256	250	637	653	1340	316	92	48	9
10	32	63	226	153	258	262	661	705	1260	295	86	45	10
11	33	61	193	161	276	264	685	761	1280	284	92	43	11
12	33	59	180	216	314	289	734	868	1290	266	85	42	12
13	33	58	170	268	352	515	766	936	1320	248	82	38	13
14	34	56	161	230	362	364	665	1050	1290	246	83	39	14
15	35	52	150	224	374	350	594	1340	1340	242	81	37	15
16	38	50	211	220	364	348	665	1480	1390	232	70	35	16
17	36	48	298	291	369	348	780	1190	1340	244	71	33	17
18	35	49	211	456	331	360	693	1080	1210	333	67	33	18
19	35	49	200	580	352	390	617	1050	1070	274	65	33	19
20	35	48	197	598	302	414	605	1110	1010	242	63	32	20
21	38	47	250	529	302	450	561	1120	1010	216	61	33	21
22	40	47	252	417	300	492	501	862	950	197	61	34	22
23	42	48	198	364	284	543	498	832	880	188	60	33	23
24	46	47	184	328	264	484	473	1010	795	180	59	34	24
25	48	216	179	304	268	506	439	1180	724	170	58	35	25
26	46	597	179	295	236	598	422	1290	709	158	57	36	26
27	46	238	224	300	226	665	420	1200	697	148	56	38	27
28	45	168	215	307	232	605	456	966	653	140	54	39	28
29	42	451	189	316	617	478	850	561	561	133	53	38	29
30	41	378	180	316	685	561	832	534	534	127	48	46	30
31	39		182	328	669		790			128	42		31
MEAN	37	111	210	280	295	398	606	922	991	274	78	41	MEAN
MAX.	48	597	359	598	374	685	780	1480	1390	532	124	56	MAX.
MIN.	30	39	150	152	226	222	420	605	534	127	42	32	MIN.
AC. FT.	2270	6630	12910	17240	16410	24500	36080	56690	58950	16880	4810	2430	AC. FT.

Total Acre-Feet 255800

TABLE A-1 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	66	51	87	145	143	247	272	709	516	110	35	42	1
2	60	52	86	164	132	250	285	743	493	104	31	36	2
3	52	51	86	162	136	287	322	780	456	98	31	32	3
4	49	50	95	150	137	324	344	717	427	94	29	31	4
5	45	49	93	137	198	360	313	669	401	88	30	35	5
6	43	48	98	145	262	444	289	734	466	82	28	170	6
7	40	46	97	154	200	474	283	665	564	77	27	116	7
8	39	45	77	148	182	477	291	621	619	73	27	94	8
9	39	45	80	141	176	490	309	617	686	71	27	107	9
10	37	46	100	139	166	479	316	534	456	66	25	85	10
11	35	47	79	139	164	472	331	561	377	62	25	59	11
12	35	301	90	136	164	477	355	574	344	60	26	64	12
13	35	182	127	148	164	482	362	653	324	56	26	51	13
14	34	146	98	152	170	510	302	701	320	54	27	50	14
15	35	113	101	158	172	496	355	725	309	51	26	46	15
16	43	97	91	168	176	510	399	693	291	50	26	43	16
17	57	95	97	170	184	543	408	617	276	49	27	39	17
18	57	94	101	168	196	567	355	502	254	49	26	39	18
19	55	85	98	172	208	549	311	459	232	49	27	36	19
20	56	83	97	174	217	546	298	439	219	49	27	37	20
21	56	80	95	174	217	528	364	408	194	50	25	35	21
22	53	77	233	168	225	502	442	382	180	49	24	31	22
23	50	80	504	166	232	451	488	375	180	45	23	31	23
24	51	81	363	160	214	401	555	439	172	43	23	31	24
25	56	82	358	152	214	408	469	477	158	39	23	30	25
26	57	80	343	154	219	393	543	531	146	38	23	30	26
27	55	81	280	145	232	351	645	555	134	35	25	29	27
28	53	86	243	158	256	316	697	549	129	35	27	30	28
29	50	118	182	162	258	302	705	522	122	34	47	30	29
30	50	106	170	154	287	278	677	510	116	36	39	29	30
31	52		152	150				485		37	39		31
MEAN	48	87	155	155	194	426	403	579	319	59	28	51	MEAN
MAX.	66	301	504	174	262	567	705	780	686	110	47	170	MAX.
MIN.	34	45	77	136	132	247	272	375	116	34	23	29	MIN.
AC. FT.	2970	5150	9520	9550	11140	26180	23970	35600	18960	3640	1730	3010	AC. FT.

Total Acre-Feet 151400

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	31	45	132	118	256	621	633	1510	3280	1080	217	85	1
2	38	42	130	132	245	513	591	1510	3110	915	217	82	2
3	39	39	124	136	245	474	552	1800	2950	820	210	81	3
4	39	61	289	118	258	673	549	1920	2880	790	239	77	4
5	39	83	206	110	245	546	577	1660	2970	805	210	74	5
6	38	68	170	113	269	591	661	1320	3020	780	241	74	6
7	35	60	184	112	421	625	800	1500	3220	761	214	72	7
8	35	68	172	129	346	555	862	1950	3500	717	190	70	8
9	35	68	141	503	300	504	958	2480	3260	677	180	67	9
10	33	66	146	309	694	479	936	2980	2950	657	172	63	10
11	40	108	137	228	1900	898	1080	3460	2630	641	160	64	11
12	35	97	129	236	1070	657	1130	3520	2420	602	148	62	12
13	34	91	122	256	811	641	1080	3380	2370	540	139	61	13
14	32	229	119	243	689	625	966	3840	2130	490	141	60	14
15	32	256	122	234	605	598	820	3620	1710	464	136	61	15
16	33	204	127	1200	499	584	756	3580	1710	446	132	60	16
17	33	176	189	1330	461	591	832	3900	1750	427	127	59	17
18	33	139	312	3180	442	588	844	4120	1770	408	122	58	18
19	35	124	263	1730	427	540	761	4080	1850	384	116	57	19
20	52	116	274	761	420	734	701	3740	1830	362	110	57	20
21	66	108	247	570	410	689	657	3340	1780	340	107	58	21
22	61	106	236	437	386	748	701	3200	1750	318	104	58	22
23	56	100	214	382	375	661	862	3180	1640	302	98	57	23
24	54	100	192	357	377	685	1170	3150	1520	387	95	58	24
25	52	104	174	333	366	721	1540	2980	1620	272	94	58	25
26	49	121	160	329	366	887	1930	2980	1660	258	93	57	26
27	48	143	160	291	414	785	2200	3110	1620	252	122	54	27
28	47	146	184	278	917	820	2280	3700	1440	243	114	51	28
29	46	141	154	276	730	2160	2160	3960	1380	234	102	50	29
30	45	136	150	272	677	1990	3620	3620	1290	225	93	48	30
31	43		150	278		633		3660		219	86		31
MEAN	42	112	178	483	508	648	1053	3002	2234	510	146	63	MEAN
MAX.	66	256	312	3180	1900	898	2280	4120	3500	1080	241	85	MAX.
MIN.	31	39	119	110	245	474	549	1320	1290	219	86	48	MIN.
AC. FT.	2550	6630	10930	29710	28190	39810	62640	184600	132900	31370	8980	3750	AC. FT.

Total Acre-Feet 542100

TABLE A-1 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	41	71	411	355	344	320	1320	1320	2270	730	236	68	1
2	43	70	314	289	320	2830	3000	1570	2050	688	204	66	2
3	47	71	258	247	318	1350	1410	1720	1940	614	186	64	3
4	48	69	247	280	316	904	1130	1640	2210	594	241	64	4
5	47	69	220	276	313	798	1080	1440	2240	562	217	62	5
6	46	70	207	320	316	776	1020	1570	2520	528	186	63	6
7	50	77	209	516	296	742	1010	1880	2460	469	168	61	7
8	140	76	218	442	294	677	1010	2290	2230	428	154	59	8
9	166	72	218	375	291	605	1110	2530	2050	394	139	58	9
10	107	71	218	327	289	585	949	2520	1980	391	134	56	10
11	97	77	212	295	283	577	882	2610	2040	366	130	55	11
12	101	466	197	509	285	594	916	2610	2000	335	126	55	12
13	103	339	248	489	316	597	991	2380	1870	325	122	49	13
14	105	229	257	403	287	643	1050	2320	1760	324	119	51	14
15	101	189	221	402	276	725	1120	2440	1620	316	116	53	15
16	94	162	211	524	276	757	1120	2260	1460	320	110	52	16
17	86	159	203	1320	278	712	1230	1970	1240	298	107	50	17
18	81	940	186	909	261	721	1310	1650	1050	283	101	49	18
19	77	340	188	895	280	723	1060	1400	999	265	98	52	19
20	73	264	174	1010	272	716	946	1240	944	252	95	49	20
21	73	265	174	894	269	713	879	1180	1010	254	87	44	21
22	72	217	303	643	258	701	1030	1220	1070	256	88	43	22
23	101	197	239	568	252	694	1060	1440	1030	265	85	41	23
24	160	182	219	508	254	696	1060	1340	928	289	82	42	24
25	107	174	210	466	263	710	913	1790	881	342	79	43	25
26	95	172	206	446	272	676	833	2240	783	283	68	45	26
27	88	159	300	408	267	716	796	2560	721	241	75	44	27
28	82	169	335	395	263	1070	824	2680	708	225	80	43	28
29	79	185	324	375		875	857	2440	709	212	76	42	29
30	76	181	296	360		1070	1050	2290	718	214	72	42	30
31	72		278	351		971		2300		316	71		31
MEAN	86	193	242	503	286	814	1101	1963	1516	367	124	52	MEAN
MAX.	166	940	411	1320	344	2830	3000	2680	2520	730	241	68	MAX.
MIN.	41	69	174	247	252	320	796	1180	708	212	68	41	MIN.
AC. FT.	5270	11470	14880	30940	15890	50070	65530	120700	90230	22570	7640	3100	AC. FT.

Total Acre-Feet 438300

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	41	122	75	82	121	356	440	677	3360	695	146	67	1
2	43	107	73	81	162	349	400	684	3170	644	137	67	2
3	48	95	78	83	178	333	408	833	2900	611	128	64	3
4	48	90	406	85	174	319	428	969	2840	568	121	60	4
5	49	87	266	83	168	327	459	752	2890	604	118	57	5
6	49	83	156	107	166	408	456	659	2880	605	112	52	6
7	47	83	137	172	166	345	417	618	2660	559	110	50	7
8	58	84	130	194	202	559	390	768	2520	518	106	44	8
9	59	85	123	198	515	472	379	1040	2480	502	101	60	9
10	55	83	117	141	670	421	379	1310	2460	470	101	73	10
11	53	83	115	133	371	384	375	1580	2270	482	97	86	11
12	51	83	113	127	300	360	374	1940	2050	454	94	83	12
13	48	84	113	132	267	346	386	2390	1780	416	94	79	13
14	46	83	108	138	300	380	458	2640	1930	371	93	71	14
15	45	82	106	146	272	338	447	2640	2010	341	90	65	15
16	43	80	106	141	236	420	405	2510	1860	320	87	62	16
17	43	80	108	236	196	377	383	2460	1590	313	86	64	17
18	42	78	106	137	204	361	374	2640	1280	305	86	70	18
19	42	76	103	141	196	394	364	2960	992	291	93	66	19
20	41	74	93	141	196	410	358	2690	898	272	102	63	20
21	43	80	102	141	196	372	438	1780	868	254	135	59	21
22	43	134	96	141	176	685	482	1420	937	239	102	50	22
23	44	109	85	141	180	499	496	1430	1020	227	91	47	23
24	45	101	77	141	196	452	510	1930	949	218	85	50	24
25	46	92	74	143	225	1370	959	2380	747	206	81	52	25
26	47	87	90	145	247	961	693	2710	764	193	79	49	26
27	50	82	92	139	274	645	592	2790	806	186	75	44	27
28	131	79	97	113	307	542	601	2780	804	183	74	45	28
29	184	77	92	110		462	619	2880	779	179	74	44	29
30	103	76	86	101		468	677	3030	742	172	74	43	30
31	102		83	107		501		3210		161	161		31
MEAN	58	88	116	130	245	472	472	1905	1775	373	98	60	MEAN
MAX.	184	134	406	198	670	1370	959	3210	3360	695	146	86	MAX.
MIN.	41	74	73	81	121	319	358	618	742	161	71	43	MIN.
AC. FT.	3550	5230	7150	7970	13610	28990	28060	117200	105600	22930	6040	3540	AC. FT.

Total Acre-Feet 349800

TABLE A-2

SOUTH FORK KAWEAH RIVER AT THREE RIVERS

Location - Latitude 36°25'00", longitude 118°54'48", in southeast $\frac{1}{4}$ section 26 T17S, R28E, Tulare County, on right bank 200 feet upstream from unnamed tributary, 0.5 mile upstream from mouth and 1.8 miles southwest of Three Rivers

Drainage Area - 86.7 square miles

Period of record - October 1958 to current year

Gage - Water-stage recorder. Datum of gage is 807.22 feet above mean sea level.

Extremes - Period of record - Maximum discharge, 11,600 cfs December 6, 1966 (gage height, 9.30 feet in gage well, 10.4 feet from floodmarks), from rating curve extended above 2,600 cfs on basis of slope-area measurement of maximum flow; no flow at times in 1960-62.

Flood of December 23, 1955, reached a stage of 9.5 feet from floodmarks (discharge, 10,000 cfs).

Remarks - Records good. Several small diversions above station for irrigation.

2101

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		SOUTH FORK KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	.98	4.4	35	24	33	26	66	101	136	42	4.6	1.3	1
2	.93	4.6	49	29	31	24	65	115	149	39	4.1	1.4	2
3	.93	4.3	39	26	30	25	67	117	140	36	3.8	1.4	3
4	1.1	4.2	30	23	29	25	71	100	171	33	3.7	1.2	4
5	1.2	5.1	26	22	28	25	80	91	185	31	3.7	1.1	5
6	1.5	8.5	23	21	27	24	87	104	186	27	3.7	1.0	6
7	1.5	12	22	21	27	24	74	118	192	25	3.7	1.2	7
8	1.6	9.0	25	21	26	24	73	105	217	23	3.0	1.1	8
9	1.9	7.8	42	20	25	24	82	92	225	22	2.9	.98	9
10	1.7	7.5	35	20	25	25	90	105	214	21	2.6	.88	10
11	1.8	7.5	29	20	25	25	93	115	204	19	2.8	.83	11
12	1.9	6.9	25	33	28	27	106	122	196	17	2.7	.82	12
13	1.8	6.7	23	39	30	69	116	151	192	15	2.9	.78	13
14	2.0	6.4	21	33	32	45	91	188	188	14	3.1	.70	14
15	2.2	6.4	20	31	33	41	77	242	176	13	2.4	.64	15
16	2.2	6.1	26	29	34	39	89	271	166	13	2.2	.49	16
17	2.3	5.6	35	35	38	39	118	218	158	14	1.9	.47	17
18	2.6	5.8	29	63	36	39	97	198	142	23	1.9	.49	18
19	2.9	6.1	27	80	35	39	81	195	122	18	1.8	.48	19
20	3.0	6.1	24	77	31	40	78	207	111	14	1.7	.44	20
21	4.0	6.3	35	63	32	41	74	217	102	13	1.6	.48	21
22	4.3	6.3	36	52	30	44	65	144	90	11	1.4	.46	22
23	4.4	6.4	28	46	30	49	64	154	82	10	1.4	.37	23
24	4.9	6.2	24	42	28	47	61	200	74	9.8	1.5	.39	24
25	5.7	21	23	39	28	48	57	241	66	9.1	1.6	.46	25
26	5.3	74	23	37	25	61	55	257	61	7.7	1.6	.84	26
27	5.0	33	31	35	25	68	53	226	59	7.0	1.7	.87	27
28	3.7	22	31	35	26	63	54	165	52	6.0	1.7	.73	28
29	3.5	96	26	34	63	60	60	142	46	5.4	1.7	.78	29
30	3.3	64	24	33	73	77	77	147		5.0	1.5	.90	30
31	3.3		24	33	71			152		4.7	1.3		31
MEAN	2.7	15.5	28.7	36.0	29.5	77.4	77.4	161	139	17.7	2.46	.80	MEAN
MAX.	5.7	96	49	80	38	118	118	271	225	42	4.6	1.4	MAX.
MIN.	.93	4.2	20	20	25	53	53	91	46	4.7	1.3	.37	MIN.
AC. FT.	166	925	1770	2210	1640	4600	4600	9920	8250	1090	151	48	AC. FT.

Total Acre-Feet 33300

TABLE A-2 (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		SOUTH FORK KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.4	5.4	11	21	16	20	33	105	34	4.6	.25	.29	1
2	1.6	5.4	10	21	15	20	36	113	32	3.9	.27	.34	2
3	1.4	5.5	11	20	15	21	49	118	34	2.9	.27	.32	3
4	1.3	5.4	13	18	15	25	56	102	30	2.1	.27	.27	4
5	1.2	5.3	11	17	27	30	47	98	27	1.8	.27	.34	5
6	1.2	5.3	11	16	41	37	42	107	29	1.5	.26	1.8	6
7	1.1	5.3	11	16	30	40	42	101	39	1.7	.24	6.4	7
8	1.1	4.9	9.6	16	26	42	47	94	45	1.4	.23	3.8	8
9	1.1	4.6	9.2	15	23	45	50	91	86	1.1	.21	2.9	9
10	1.2	4.8	11	15	22	45	54	80	47	.90	.22	3.5	10
11	1.4	4.6	10	15	20	43	49	84	36	.77	.20	2.7	11
12	1.2	34	11	15	19	44	45	86	28	.72	.20	2.3	12
13	.91	20	18	15	19	45	47	89	24	.69		2.1	13
14	.69	17	14	15	19	49	39	91	22	.62	.19	2.0	14
15	.60	13	13	16	18	50	42	92	19	.45	.19	1.7	15
16	1.3	10	12	16	18	52	46	85	17	.36	.18	1.3	16
17	2.7	10	12	16	18	54	51	78	15	.39	.18	1.1	17
18	3.2	9.5	12	16	18	57	46	70	13	.36	.19	1.0	18
19	3.5	9.2	12	16	19	64	39	65	11	.33	.30	1.1	19
20	3.7	8.8	11	16	19	72	34	62	10	.30	6.2	1.2	20
21	3.9	8.6	11	16	19	70	39	57	9.7	.28	7.8	1.5	21
22	3.9	8.6	25	16	20	68	48	52	8.7	.24	7.6	1.5	22
23	4.5	8.6	70	16	19	57	57	50	8.5	.24	7.3	1.3	23
24	4.7	8.2	64	16	18	50	70	50	8.5	.24	7.2	1.2	24
25	4.6	8.3	60	16	18	51	60	47	8.2	.24	7.0	.90	25
26	4.4	8.5	64	17	17	50	69	44	7.9	.24	6.8	.83	26
27	4.4	8.6	49	17	18	43	88	42	7.4	.24	3.9	.65	27
28	4.4	9.0	40	20	19	37	100	40	6.7	.20	.21	.73	28
29	4.6	13	29	18	20	35	103	38	6.2	.20	.13	.76	29
30	4.1	14	25	17		33	97	37	5.3	.20	.13	.85	30
31	4.9		22	16		32		34		.22	.16		31
MEAN	2.59	9.45	22.3	16.6	20.2	44.5	54.2	74.3	22.5	.95	1.89	1.56	MEAN
MAX.	4.9	34	70	21	41	72	103	118	86	4.6	7.8	6.4	MAX.
MIN.	.60	4.6	9.2	15	15	20	33	34	5.3	.20	.13	.27	MIN.
AC. FT.	159	562	1370	1020	1160	2740	3220	4570	1340	58	116	93	AC. FT.

Total Acre-Feet 16410

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		SOUTH FORK KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.0	4.0	12	17	42	123	148	182	550	111	11	6.7	1
2	1.1	4.2	12	16	41	99	135	162	538	94	10	5.9	2
3	1.8	4.3	12	16	41	90	124	195	508	83	10	4.7	3
4	2.0	7.0	45	16	41	173	118	222	502	74	10	4.0	4
5	2.5	9.7	33	15	40	123	117	201	550	72	10	4.4	5
6	2.0	7.1	25	15	47	156	124	167	556	68	11	4.4	6
7	1.7	6.4	31	14	77	161	143	177	598	64	12	3.4	7
8	1.5	6.8	26	16	60	137	149	225	640	58	10	3.2	8
9	1.7	6.4	20	122	51	120	155	292	568	52	9.5	3.2	9
10	1.8	5.4	19	64	162	111	160	358	514	48	10	2.9	10
11	1.8	14	17	44	591	208	171	400	450	44	12	2.6	11
12	1.8	11	16	41	291	159	178	405	405	42	12	2.6	12
13	1.5	9	15	44	193	153	169	382	382	38	11	2.6	13
14	1.2	31	15	42	162	145	162	475	342	36	9.5	2.6	14
15	1.3	40	15	40	133	134	135	425	268	34	9.1	2.6	15
16	1.6	30	15	200	109	130	123	382	272	32	8.3	2.6	16
17	1.8	28	19	220	98	129	123	455	282	30	8.3	2.9	17
18	1.8	20	33	910	90	131	121	508	278	29	7.9	2.9	18
19	2.4	16	30	400	85	117	113	556	278	28	7.1	2.6	19
20	3.7	14	31	180	81	199	105	526	264	24	7.1	2.6	20
21	5.8	13	29	98	77	188	96	440	254	23	6.7	2.6	21
22	4.9	12	26	72	71	214	92	386	240	21	6.3	2.9	22
23	4.7	12	24	64	67	173	106	405	219	19	6.7	2.9	23
24	4.6	11	22	58	65	182	134	475	195	18	6.7	3.4	24
25	4.6	11	21	56	62	209	164	480	186	18	7.1	3.7	25
26	4.5	11	19	53	61	257	193	465	180	16	7.9	3.7	26
27	4.5	13	19	50	73	215	248	470	172	16	8.7	3.4	27
28	4.4	13	22	46	187	228	275	586	155	13	8.7	3.2	28
29	4.4	13	19	45		193	261	646	142	12	8.3	2.4	29
30	4.3	13	18	44		170	241	598	126	12	7.1	2.4	30
31	4.2		18	45		155		628		12	6.7		31
MEAN	2.80	13.2	21.9	98.8	111	161	153	396	354	40.0	8.90	3.30	MEAN
MAX.	5.8	40	45	910	591	257	275	646	640	111	12	6.7	MAX.
MIN.	1.0	4.0	12	14	40	90	92	162	126	15	6.3	2.4	MIN.
AC. FT.	172	786	1340			9090					549	198	AC. FT.

Total Acre-Feet 82100

TABLE A-2 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		SOUTH FORK KAWAHE RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.1	6.2	65	45	42	32	261	141	398	45	9.2	1.5	1
2	2.5	6.4	43	36	40	291	683	180	324	42	7.8	1.1	2
3	2.5	7.1	32	32	38	162	252	206	333	37	6.5	1.2	3
4	2.6	7.3	28	35	36	107	177	206	421	33	7.7	1.4	4
5	2.6	7.1	24	35	35	93	148	169	443	30	12	1.4	5
6	2.5	6.9	23	40	35	93	132	176	477	28	9.6	1.7	6
7	3.2	7.0	22	65	34	88	123	247	479	26	7.7	1.7	7
8	15	7.2	22	56	34	88	118	327	422	25	6.6	1.5	8
9	16	6.9	22	47	33	77	132	376	359	25	5.9	1.4	9
10	10	6.2	21	42	32	71	115	395	340	25	5.6	1.3	10
11	8.5	6.5	20	39	31	68	104	402	337	25	6.1	1.2	11
12	7.8	21	20	81	31	66	101	395	319	22	5.4	1.1	12
13	6.9	20	23	77	37	65	103	367	288	20	4.7	1.2	13
14	7.1	14	37	61	32	65	104	364	253	18	3.8	1.4	14
15	6.8	12	28	57	32	68	109	400	216	18	3.5	1.5	15
16	6.7	11	25	74	31	72	113	364	185	17	3.2	1.7	16
17	6.2	12	23	248	32	69	120	302	154	15	3.2	1.8	17
18	5.5	73	22	143	30	68	127	240	128	13	3.0	2.0	18
19	5.0	31	20	121	33	67	108	183	119	12	3.0	2.2	19
20	5.7	25	19	213	33	66	98	154	105	12	3.5	2.7	20
21	6.0	25	19	186	32	66	91	148	100	11	4.1	2.7	21
22	5.3	20	34	112	31	65	101	178	97	11	4.1	2.2	22
23	8.0	21	28	90	30	64	106	227	91	12	3.5	2.1	23
24	11	19	25	78	29	62	112	191	78	21	3.2	2.1	24
25	8.6	19	24	69	29	61	102	312	71	20	3.0	2.4	25
26	7.5	19	23	62	29	61	94	409	65	18	2.7	2.2	26
27	7.0	17	32	56	29	69	88	472	58	16	2.2	2.4	27
28	6.6	18	38	53	29	97	91	489	54	12	2.0	2.7	28
29	6.3	19	38	48		87	88	441	50	10	2.0	2.4	29
30	6.2	19	35	46		102	105	412	47	9.2	1.8	2.2	30
31	6.1		31	43		103		419		10	1.8		31
MEAN	6.6	16.3	27.9	77.1	32.8	84.3	140	300	227	20.6	4.8	1.8	MEAN
MAX.	16	73	65	248	42	291	683	489	479	45	12	2.7	MAX.
MIN.	2.1	6.2	19	32	29	32	88	141	47	9.2	1.8	1.1	MIN.
AC. FT.	404	972	1720	4740	1820	5180	8340	18430	13510	1270	294	108	AC. FT.

Total Acre-Feet 56790

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		SOUTH FORK KAWAHE RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.0	15	9.6	11	12	36	66	79	572	60	7.8	2.0	1
2	1.8	14	9.6	10	22	36	59	81	528	55	6.9	1.8	2
3	1.5	11		10	30	34	56	89	518	50	5.8	1.7	3
4	2.0	11	72	10	28	32	56	104	508	46	5.4	1.7	4
5	2.3	10	39	10	28	35	65	86	520	41	5.0	1.7	5
6	2.0	9.9	24	14	23	57	68	74	516	40	5.0	1.8	6
7	2.1	9.2	19	25	23	45	64	67	470	37	4.7	1.8	7
8	2.3	9.2	17	29	27	87	59	73	431	34	4.4	2.3	8
9	4.1	9.6	14	34	92	88	58	96	409	34	4.2	2.8	9
10	3.9	9.6	13	23	177	80	58	125	400	33	4.4	5.5	10
11	3.4	9.6	13	20	75	68	56	157	359	29	4.4	5.8	11
12	3.1	9.6	12	18	50	59	56	193	326	27	4.1	3.9	12
13	3.0	10	13	17	41	62	56	243	291	24	4.4	2.9	13
14	2.7	10	13	17	50	72	64	278	291	23	4.1	2.4	14
15	2.6	9.6	12	17	45	59	64	287	296	22	3.6	2.2	15
16	2.6	9.6	12	17	38	80	60	281	272	21	3.8	2.1	16
17	2.6	9.6	12	16	33	66	57	288	223	21	3.8	2.2	17
18	2.7	9.6	12	15	31	60	53	333	183	20	4.1	2.4	18
19	2.8	9.6	12	15	29	61	50	391	146	18	4.1	2.3	19
20	3.0	9.2	12	15	31	61	49	379	135	16	4.1	2.2	20
21	2.8	11	12	14	31	57	53	224	125	16	6.9	2.0	21
22	2.1	22	12	14	27	114	57	177	121	15	4.7	1.7	22
23	2.3	14	11	14	27	87	60	196	117	13	3.8	1.6	23
24	2.3	12	11	14	26	76	60	296	105	12	3.0	1.7	24
25	2.5	12	11	14	28	236	104	373	91	11	2.2	1.8	25
26	2.6	11	11	14	28	195	82	411	82	10	2.0	1.7	26
27	3.1	11	11	14	30	120	73	419	79	10	2.2	1.5	27
28	15	10	12	13	32	94	72	435	74	10	2.7	1.5	28
29	22	10	12	12		79	70	464	70	9.6	3.0	1.5	29
30	13	9.6	11	12		73	73	485	64	9.2	2.7	1.5	30
31	13		11	12		72		524		8.7	2.2		31
MEAN	4.30	10.9	15.4	15.8	39.8	76.8	62.6	249	277	25	4.2	2.3	MEAN
MAX.	22	22	72	34	177	236	104	524	572	60	7.8	5.8	MAX.
MIN.	1.5	9.2	9.6	10	12	32	49	67	64	8.7	2.0	1.5	MIN.
AC. FT.	264	650	945	972	2210	4720	3730	15290	16510	1540	257	135	AC. FT.

Total Acre-Feet 47210

TABLE A-3

DRY CREEK NEAR LEMONCOVE

LOCATION: Latitude 36°26'51", longitude 119°01'38", in northeast quarter, southeast quarter, Section 15, Township 17 South, Range 27 East, Tulare County, on right bank 0.5 mile downstream from Bequette Canyon, 2.9 miles upstream from mouth, and 4.4 miles north of Lemoncove.

DRAINAGE AREA: 75.6 square miles

PERIOD OF RECORD: October 1959 to current year

GAGE: Water-stage recorder. Altitude of gage is 570 feet (from topographic map). Prior to March 8, 1969, 1.6 miles downstream at different datum.

AVERAGE DISCHARGE: 16 years, 20.2 cfs (14,630 acre-feet per year); median of yearly mean discharges, 7.0 cfs (5,100 acre-feet per year).

EXTREMES: Period of record - maximum discharge, 14,500 cfs December 6, 1966 (gage height, 7.30 feet in gage well, 8.94 feet, from floodmarks, site and datum then in use); no flow for several months in each year.

Flood of December 23, 1955, reached a discharge of 6,070 cfs from slope area measurement. Flood of 1867 is believed to have exceeded that of December 1955, from information by local residents.

REMARKS: Records good. Small diversions above station for irrigation.

(Records furnished by U. S. Geological Survey)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		DRY CREEK NEAR LEMON COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0	13	14	12	11	8.8	6.1	6.1	.6			1
2		0.0	23	16	12	11	8.4	5.6	5.6	.4			2
3		0.0	26	16	11	10	7.9	9.2	5.6	.3			3
4		0.0	12	13	11	10	7.9	10	5.6	.3			4
5		0.0	7.9	12	11	9.7	7.4	9.2	5.2	.3			5
6		0.0	6.1	12	11	9.7	7.0	11	5.2	.3			6
7		0.0	4.8	11	11	9.2	6.6	18	4.8	.2			7
8		0.0	4.3	11	10	9.2	7.4	24	4.3	.2			8
9		0.0	35	11	9.7	8.8	7.4	15	4.3	.2			9
10		0.0	20	10	9.7	7.4	7.0	13	4.3	.2			10
11		0.0	10	9.7	9.7	7.4	6.6	12	4.8	.2			11
12	N	0.0	7.5	17	9.2	8.4	6.1	10	4.3	.2	N	N	12
13	O	0.0	6.0	36	8.8	40	5.6	9.7	4.3	.2	O	O	13
14		0.0	5.0	33	8.8	18	6.1	9.2	3.8	.1			14
15		0.0	4.7	25	8.8	14	7.0	8.8	3.8	.1			15
16	P	0.0	15	21	9.7	12	5.6	8.4	3.8	.1	F	F	16
17	L	0.0	40	21	17	12	13	8.4	3.8	.1	L	L	17
18	O	0.0	35	22	17	11	20	7.9	3.0	.1	O	O	18
19	W	0.0	25	22	15	11	14	7.0	2.5	1.0	W	W	19
20		0.0	19	23	17	10	11	6.6	1.6	.0			20
21		0.0	56	21	14	9.7	10	6.1	1.6	0.0			21
22		0.0	55	19	12	9.7	9.7	6.1	1.4	0.0			22
23		0.0	24	17	12	9.7	8.4	5.6	1.0	0.0			23
24		0.0	18	16	11	9.7	7.9	5.2	1.0	0.0			24
25		0.0	16	15	11	9.7	7.9	4.8	1.0	0.0			25
26		7.7	16	14	11	10	7.4	4.3	1.0	0.0			26
27		10	27	14	10	12	7.4	8.2	.8	0.0			27
28		2.5	27	14	11	11	7.0	14	.8	0.0			28
29		23	20	14	10	10	7.0	9.7	.6	0.0			29
30		51	17	13	9.2	9.2	6.6	7.9	.6	0.0			30
31			16	12	8.8	8.8		6.6		0.0			31
MEAN		3.1	19.7	16.9	11.5	11.3	8.3	9.3	3.2	.13			MEAN
MAX.		51	56	36	17	40	20	24	6.1	.6			MAX.
MIN.		0.0	4.3	9.7	8.8	7.4	5.6	4.3	.7	0.0			MIN.
AC. FT.		187	1213	1041	638	693	496	570	192	8			AC. FT.

Total Acre-Feet 5040

TABLE A-3 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		DRY CREEK NEAR LEMON COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0	7.0	4.8	4.3	2.0	.6					1
2			0.0	6.6	4.3	3.8	2.0	.4					2
3			0.0	6.1	3.8	3.8	2.0	.4					3
4			0.0	5.2	3.8	3.8	2.0	.4					4
5			0.0	4.8	8.0	3.8	1.6	.6					5
6			0.0	4.3	35	3.8	1.6	.6					6
7			0.0	4.3	19	3.8	1.6	.6					7
8			0.0	4.3	14	3.8	1.6	.6					8
9			0.0	3.8	12	3.4	1.4	.6					9
10			0.0	3.4	11	3.4	1.4	.6					10
11			0.0	3.4	9.7	3.4	1.4	.4					11
12	N	N	0.0	3.4	8.8	3.4	1.4	.4	N	N	N	N	12
13	O	O	2.9	3.0	8.4	3.4	3.0	.3	O	O	O	O	13
14			6.1	3.0	7.9	3.4	5.2	.2					14
15			4.3	3.0	7.9	3.4	3.4	.1					15
16	F	F	3.4	3.4	7.4	3.4	1.6	.1	F	F	F	F	16
17	L	L	3.0	3.4	7.0	3.4	1.2	.1	L	L	L	L	17
18	O	O	3.0	3.4	6.6	3.4	1.0	.1	O	O	O	O	18
19	W	W	3.0	3.0	6.1	3.4	.80	.1	W	W	W	W	19
20			3.4	3.4	5.6	3.0	.80	.1					20
21			3.4	3.4	5.6	2.5	.80	.2					21
22			7.0	3.4	5.6	2.5	.6	1.0					22
23			45	3.8	5.6	2.0	.6	1.0					23
24			17	3.8	5.6	2.0	.6	.8					24
25			22	3.8	5.6	2.0	.6	.4					25
26			48	4.8	5.2	2.0	.6	.2					26
27			32	6.6	5.2	2.0	.6	.1					27
28			30	7.9	5.2	2.0	.6	.1					28
29			16	6.6	4.8	2.0	.6	0.0					29
30			11	6.1	2.0	2.0	.6	0.0					30
31			8.4	5.2	2.0	2.0							31
MEAN			8.7	4.4	8.3	3.0	1.4	.35					MEAN
MAX.			48	7.9	35	4.3	5.2	1.0					MAX.
MIN.			0.0	3.0	3.8	2.0	6.0	0.0					MIN.
AC. FT.			533	273	475	187	86	21					AC. FT.

Total Acre-Feet 1580

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		DRY CREEK NEAR LEMONCOVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0	.1	3.0	18	91	113	34	11	.7			1
2		0.0	.1	2.5	18	70	110	32	12	.9			2
3		0.0	.1	2.5	17	67	97	31	11	.9			3
4		0.0	6.4	3.0	17	121	92	30	9.5	.9			4
5		0.0	12	2.8	17	89	89	30	8.6	.8			5
6		0.0	5.6	2.8	18	102	86	29	7.8	.8			6
7		0.0	7.9	2.5	35	114	82	27	6.2	.8			7
8		0.0	9.7	3.0	31	95	78	27	5.4	.7			8
9		0.0	7.0	44	24	85	74	26	5.1	.5			9
10		0.0	4.3	39	201	78	71	26	4.4	.4			10
11		0.0	3.4	18	628	243	67	25	3.8	.3			11
12		0.0	2.5	12	355	170	65	24	3.5	.3			12
13		0.0	2.0	9.5	214	146	63	23	3.5	.2			13
14		0.0	1.4	8.2	171	142	64	24	3.5	.2			14
15		2.6	1.2	7.0	140	118	60	23	3.5	.1			15
16		5.8	1.2	119	108	103	60	21	3.5	.1			16
17		8.3	2.0	256	94	97	57	20	3.5	.1			17
18		2.5	7.0	817	84	91	53	20	3.5	.1			18
19		.6	7.9	488	75	86	51	18	3.0	.1			19
20		.2	7.0	145	68	199	48	17	2.8	0.0			20
21		.1	6.6	85	63	187	45	16	2.3	0.0			21
22		0.0	5.6	57	58	228	43	15	1.9	0.0			22
23		0.0	4.8	44	53	172	43	14	1.7	0.0			23
24		0.0	4.3	38	50	154	39	14	1.5	0.0			24
25		0.0	3.4	34	46	146	38	14	1.4	0.0			25
26		0.0	3.0	33	45	192	37	14	1.4	0.0			26
27		0.0	3.4	29	52	156	36	13	1.0	0.0			27
28		0.0	4.3	26	163	166	35	12	.9	0.0			28
29		0.0	5.6	25	142	142	34	12	.8	0.0			29
30		0.0	4.8	23	129	129	40	10	.7	0.0			30
31		0.0	3.4	22	121	121		11		0.0			31
MEAN													MEAN
MAX.		8.3	12	814	628	243	113	34	12	.90			MAX.
MIN.		0	.04	2.5	17	67	34	10	.65	0			MIN.
AC. FT.		40	274	4760	5680	8130	3710	1290	255	16			AC. FT.

Total Acre-Feet 24160

TABLE A-3 (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		DRY CREEK NEAR LEMONCOVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0	35	37	25	16	223	27	8.2	1.0			1
2		0.0	34	26	24	182	800	26	7.8	0.9			2
3		0.0	13	15	23	219	214	25	7.4	0.8			3
4		0.0	9.0	16	22	151	138	23	6.6	0.9			4
5		0.0	7.4	22	22	113	111	23	6.6	0.9			5
6		0.0	5.8	28	25	100	92	23	6.2	0.9			6
7		0.0	5.1	150	23	88	84	22	5.8	0.8			7
8		0.0	4.8	106	20	85	78	20	5.4	0.8			8
9		0.0	4.4	58	19	70	94	19	4.8	0.8			9
10		0.0	4.1	40	18	60	86	18	4.1	1.0			10
11		0.0	3.8	32	17	54	72	18	3.8	1.4			11
12	N	2.0	3.8	66	17	50	65	17	3.5	1.9	N	N	12
13	O	10	4.8	61	27	45	61	16	3.2	1.7	O	O	13
14		3.5	7.8	42	22	44	61	15	3.0	1.7			14
15		2.3	7.4	36	20	42	50	15	3.0	1.7			15
16		1.0	5.8	37	18	39	48	16	3.0	1.4			16
17	F	2.4	5.1	92	18	37	46	16	3.2	1.0	F	F	17
18	L	59	4.8	74	18	36	44	16	3.2	0.9	L	L	18
19	O	17	4.4	59	19	34	45	18	3.2	0.6	O	O	19
20	W	6.6	4.1	125	22	33	43	18	3.2	0.6	W	W	20
21		4.4	4.1	170	18	31	40	16	3.2	0.4			21
22		3.8	20	90	17	31	37	14	3.2	0.4			22
23		3.5	14	67	17	32	36	13	2.5	0.2			23
24		3.0	9.0	56	16	31	39	13	2.1	0.2			24
25		2.8	7.8	45	14	29	40	12	1.9	0.1			25
26		3.0	6.6	39	14	29	36	11	1.9	0.1			26
27		2.5	14	36	14	31	35	10	2.1	0.0			27
28		2.3	21	33	14	74	34	9.0	2.1	0.0			28
29		2.3	13	31		65	32	8.6	1.9	0.0			29
30		2.3	10	28		66	30	8.6	1.7	0.0			30
31			10	26		89		8.2		0.0			31
MEAN	0	4.5	9.8	56.3	19.4	65	94	17	3.9	0.8			MEAN
MAX.	0	59	35	170	27	219	800	27	8.2	1.9			MAX.
MIN.	0	0.0	3.8	16	14	16	30	8.2	1.7	0.0			MIN.
AC. FT.	0	267	603	3460	1080	3980	5570	1020	234	46			AC. FT.

Total Acre-Feet 16250

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		DRY CREEK NEAR LEMONCOVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0	1.4	3.5	3.1	9.3	41	28	7.3	1.2			1
2		0.0	1.4	3.2	6.7	8.6	36	28	7.1	1.2			2
3		0.0	2.3	3.0	22	9.2	34	26	7.1	1.2			3
4		0.0	39	3.0	18	9.3	33	26	6.3	1.2			4
5		0.0	31	3.1	24	9.7	53	25	5.7	1.0			5
6		0.0	10	4.7	15	17	67	24	4.9	0.8			6
7		0.0	6.0	17	12	19	52	23	4.1	0.6			7
8		0.0	4.4	20	11	66	43	22	3.8	0.4			8
9		0.0	3.7	36	35	55	40	21	3.3	0.3			9
10		0.0	2.6	17	124	56	38	20	3.3	0.3			10
11		0.0	2.9	11	52	45	37	20	3.1	0.2			11
12	N	0.0	2.7	8.8	32	40	35	19	2.4	0.1	N	N	12
13	O	0.0	2.6	7.3	26	38	34	19	2.3	0.0	O	O	13
14		0.0	2.6	6.8	30	55	36	18	2.2	0.0			14
15		0.0	2.6	6.3	26	41	38	18	1.8	0.0			15
16		0.0	2.3	5.7	21	61	34	18	1.7	0.1			16
17	F	0.1	2.4	5.3	19	64	33	18	1.6	0.1	F	F	17
18	L	0.5	2.5	4.9	16	46	32	16	1.5	0.1	L	L	18
19	O	0.6	2.3	4.5	15	40	31	15	1.8	0.1	O	O	19
20	W	0.7	2.3	4.1	16	36	31	14	1.9	0.1	W	W	20
21		1.6	2.3	4.0	16	34	31	13	2.4	0.1			21
22		14	2.5	3.7	14	136	32	12	2.3	0.1			22
23		6.7	2.6	3.6	12	80	31	11	1.9	0.0			23
24		3.2	2.6	3.5	11	54	32	10	1.8	0.0			24
25		2.2	2.7	3.5	11	199	49	9.6	1.8	0.0			25
26		1.8	2.8	3.5	10	155	39	9.1	1.8	0.0			26
27		1.6	2.8	3.4	9.8	90	35	8.6	1.7	0.0			27
28		1.5	3.7	3.2	9.7	71	33	8.1	1.5	0.0			28
29		1.5	4.6	3.0		59	32	7.8	1.3	0.0			29
30		1.4	4.1	3.0		51	30	7.3	1.2	0.0			30
31			3.6	3.0		47		7.3		0.0			31
MEAN	0	1.2	5.2	6.3	22.2	5.5	37.4	19.28	3.03	1.2			MEAN
MAX.	0	14	39	36	124	199	67	28	7.3	30			MAX.
MIN.	0	0.0	1.4	3.0	3.1	8.6	30	7.3	1.2	0.0			MIN.
AC. FT.	0	74	321	422	1230	3370	2230	1030	180	18			AC. FT.

Total Acre-Feet 8880

TABLE A-4

COTTONWOOD CREEK NEAR ELDERWOOD

Location - Latitude 36°31'47", longitude 119°07'33", in southeast $\frac{1}{4}$ southeast $\frac{1}{4}$ Section 15, Township 16

South, Range 26 East, Tulare County, on left bank 25 feet upstream from State Highway 69 bridge

formerly Highway 65, 4.0 miles north of Elderwood and 8.0 miles north of Woodlake

Drainage area - 60.4 square miles

Period of record - 1956 to Current year, formerly published as above Highway 65 (69)

Records furnished by U.S.G.S.

Gage - Water-stage recorder. Altitude of gage is 575 feet (from topographic map).

WATER YEAR	STATION NO.	STATION NAME
1971		COTTONWOOD CREEK NEAR ELDERWOOD

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			12	10	NR	6.4	5.2	3.6	2.7	0.0	Station discontinued by KDWCD on January 27, 1971. Station reactivated by U.S. Geological Survey February 10, 1972.		1
2			16	11	NR	6.4	4.9	3.8	2.7	0.0			2
3			18	10	NR	7.2	5.2	6.4	2.0	0.0			3
4		0	10	9	NR	7.8	5.2	6.0	1.9	0.0			4
5		1	9	9	NR	5.2	5.2	5.6	2.2	0.0			5
6		1	6	9	NR	5.6	4.9	4.9	2.6	0.0	N O	N O	6
7		1	6	9	NR	5.2	4.6	7.2	2.6	0.0			7
8		1	4	9	NR	4.9	4.3	6.8	2.4	0.0			8
9		2	9	8	NR	5.2	4.3	5.2	2.4	0.0			9
10		2	14	8	7.2	5.6	4.0	4.6	2.2	0.0			10
11		2	9	8	7.8	6.0	4.0	4.3	2.6	0.0	F L O W	F L O W	11
12	N	2	7	9	6.8	7.2	4.0	3.8	2.2	0.0			12
13	O	2	6	16	6.8	15	4.6	3.4	1.9	0.0			13
14		2	5	41	6.8	7.8	4.9	3.4	2.0	0.3			14
15		2	4	18	7.2	7.2	5.2	3.8	2.2	0.8			15
16	F	2	6	11	7.2	5.6	5.2	4.0	1.9	1.7	O W	O W	16
17	L	2	25	10	9.6	5.6	11	3.4	1.4	1.7			17
18	O	2	33	10	9.6	5.6	10	2.9	1.1	0.4			18
19	W	2	13	9	9.0	5.2	5.6	3.1	0.8	0.0			19
20		2	10	9	9.0	5.2	5.6	2.9	0.7	0.0			20
21		2	70	9	7.2	4.9	6.0	3.1	0.5	0.0			21
22		2	59	8	7.2	4.9	6.0	3.4	0.1	0.0			22
23		2	20	7	7.8	5.2	5.6	2.9	0.0	0.0			23
24		2	14	7	6.4	5.6	5.2	2.7	0.0	0.0			24
25		13	13	6	6.0	6.0	5.6	2.6	0.0	0.0			25
26		32	10	6	6.0	5.6	5.2	2.4	0.0	0.0			26
27		9	16	6	6.4	5.6	5.2	3.6	0.0	0.0			27
28		5	13	NR	6.8	4.9	4.0	4.0	0.0	0.0			28
29		25	10	NR		4.9	3.8	3.6	0.0	0.0			29
30		45	10	NR		5.6	3.8	3.4	0.0	0.0			30
31			9	NR		6.4		2.7		0.0			31
MEAN													MEAN
MAX.		45	70			15	11	7.2	2.7	1.7			MAX.
MIN.		0	4			4.9	3.8	2.4	0.0	0.0			MIN.
AC. FT.		327	924			376	314	245	82	10			AC. FT.

Total Acre-Feet 2278

TABLE A-4 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0	4.3	2.9	2.0	0.9	0.1	0.2	0.0			1
2			0.0	4.2	3.1	2.0	0.7	0.2	0.0	0.0			2
3			0.0	4.1	3.1	2.0	0.7	0.2	0.0	0.0			3
4			0.0	4.0	2.9	2.4	0.5	0.5	0.0	0.0			4
5			0.0	4.0	7.6	2.0	0.2	0.5	0.0	0.0			5
6			0.0	4.0	10	2.0	0.2	0.2	0.0	0.0			6
7			0.0	3.8	3.8	2.0	0.5	0.1	0.0	0.0			7
8			0.0	4.0	3.5	2.4	0.5	0.0	0.0	0.0			8
9			0.0	3.8	3.5	2.0	0.5	0.0	0.0	0.0			9
10			0.0	3.6	3.1	2.0	0.7	0.0	0.0	0.0			10
11			0.0	3.4	2.8	2.0	0.9	0.1	0.7	0.1			11
12	N	N	0.0	3.6	2.8	1.7	1.4	0.7	1.2	0.0	N	N	12
13	O	O	0.0	3.4	3.1	2.0	3.1	0.4	1.4	0.0	O	O	13
14			0.0	3.4	2.8	2.4	3.1	0.4	1.7	0.0			14
15			0.0	3.6	2.4	2.4	1.7	0.5	0.5	0.0			15
16	F	F	0.0	3.8	1.7	2.8	0.7	1.2	0.0	0.0	F	F	16
17	L	L	0.0	3.8	3.1	2.8	0.1	0.9	0.0	0.0	L	L	17
18	O	O	0.0	3.6	2.8	2.4	0.9	0.1	0.0	0.0	O	O	18
19	W	W	0.0	3.4	2.0	2.0	0.7	0.0	0.0	0.0	W	W	19
20			0.0	3.1	2.0	2.0	0.2	0.0	0.0	0.0			20
21			0.0	3.1	2.0	2.0	0.2	0.0	0.0	0.0			21
22			0.0	3.1	2.4	2.0	0.4	0.0	0.0	0.0			22
23			3.3	3.1	2.0	2.0	0.2	0.0	0.0	0.0			23
24			4.9	3.4	2.4	2.4	0.1	0.0	0.0	0.0			24
25			9.3	3.4	2.8	2.0	0.0	0.0	0.0	0.0			25
26			30	3.8	2.8	1.7	0.0	0.0	0.0	0.0			26
27			29	4.0	2.8	1.2	0.0	0.2	0.0	0.0			27
28			36	4.3	2.8	0.9	0.1	0.7	0.0	0.0			28
29			10	3.8	2.4	1.2	0.1	0.7	0.7	0.0			29
30			6.8	3.6	1.4	0.1	0.1	0.9	0.5	0.0			30
31			5.0	2.9	1.2	1.2	1.2	1.2	0.5	0.0			31
MEAN			4.3	3.7	3.1	2.0	.6	.3	.2	.003			MEAN
MAX.			36	4.3	10	2.8	3.1	1.2	1.7	0.1			MAX.
MIN.			0.0	2.9	1.7	0.92	0.02	0.0	0.0	0.0			MIN.
AC. FT.			266	225	181	122	37	20	14	0.2			AC. FT.

Total Acre-Feet 865

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				.4	7.4	42	75	17	4.1	0	0	0	1
2				1.2	7.4	32	69	16	4.5	.6	0	0	2
3				1.4	6.3	31	63	16	3.7	.8	0	0	3
4				1.4	6.3	59	58	15	4.1	.5	0	0	4
5				1.4	6.3	37	54	15	3.4	.2	0	0	5
6				1.4	8.6	59	49	15	3.4	.2	.1	.2	6
7				2.0	13	70	49	13	2.7	.4	.4	.4	7
8				3.1	9.2	49	43	13	1.1	.4	.6	.0	8
9				29	8.0	40	40	14	1.3	.4	.6	0	9
10				20	97	37	40	13	1.1	.4	.9	0	10
11				10	351	215	36	13	1.1	.4	0	0	11
12	N	N	N	6.8	236	109	36	12	1.5	.4	0	0	12
13	O	O	O	5.0	158	93	33	13	.2	.1	0	0	13
14				4.6	149	84	33	11	.2	0	0	0	14
15				3.5	126	69	33	11	.2	0	0	0	15
16	F	F	F	91	82	60	29	11	.2	0	0	0	16
17	L	L	L	136	65	56	29	11	.2	0	0	0	17
18	O	O	O	499	51	51	26	9.2	.4	0	.0	0	18
19	W	W	W	246	43	48	24	9.2	.4	0	.1	0	19
20				80	38	232	24	6.8	.2	0	.0	0	20
21				43	36	159	22	6.8	.2	.2	.2	0	21
22				31	31	204	20	7.4	.2	0	.2	0	22
23				21	27	130	21	6.8	.2	0	.4	0	23
24				16	27	107	22	6.3	.2	0	0.3	0	24
25				16	24	114	20	5.8	.2	0	0	0	25
26				15	25	215	18	6.3	.1	0	0	0	26
27				12	28	132	18	5.8	0.0	0	0	0	27
28				11	94	130	18	4.9	0.0	0	0	0	28
29				10	105	17	17	4.5	0.0	0	0	0	29
30				9.2	93	19	19	4.5	0.0	0	0	0	30
31				8.0	82	82	82	4.5	0	0	0	0	31
MEAN				43.1	63.0	95.0	34.8	10.3	1.2	.2	.1	.02	MEAN
MAX.				499	351	232	75	17	4.5	.82	.90	.40	MAX.
MIN.				.36	6.3	31	17	4.5	0.0	0	0	0	MIN.
AC. FT.				2649	3492	5839	2059	630	70	10.0	7.5	1.2	AC. FT.

Total Acre-Feet 14757

TABLE A-4 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0	13	16	16	12	144	15	4.1	1.3	.60	0.0	1
2		0.0	13	14	16	58	348	16	3.4	.3	.1	0.0	2
3		0.0	7.5	10	15	209	100	16	3.7	.1	0.0	0.0	3
4		0.0	4.1	11	15	107	67	16	4.1	0.0	0.0	0.0	4
5		0.0	3.7	14	14	63	51	17	3.7	0.0	0.0	0.0	5
6		0.0	3.7	27	18	49	40	16	4.5	.1	0.0	.1	6
7		0.0	3.7	169	16	44	34	15	4.1	.3	0.0	0.0	7
8		0.0	3.7	76	12	53	32	13	3.4	.2	0.0	0.0	8
9		0.0	3.7	32	13	43	33	10	3.4	1.3	0.0	0.0	9
10		.4	3.4	20	14	36	32	10	3.0	.8	0.0	0.0	10
11		.4	3.0	14	14	33	27	9.2	2.7	1.1	0.0	0.0	11
12	N	1.1	3.0	37	14	32	26	9.2	2.7	.4	0.0	0.0	12
13	O	3.3	3.7	23	18	29	24	8.6	2.4	.1	0.0	0.0	13
14		2.7	4.5	17	15	28	24	8.6	2.1	0.0	0.0	.1	14
15		2.6	3.7	15	12	26	21	8.0	2.1	0.0	0.0	.8	15
16	F	2.9	3.0	15	11	25	21	9.2	2.7	0.0	0.0	1.6	16
17	L	3.7	2.7	71	12	25	19	11	3.0	.2	.9	0.0	17
18	O	20	2.4	33	12	24	19	10	3.4	.2	1.6	0.0	18
19		7.4	2.1	27	15	24	19	10	3.4	.2	2.1	0.0	19
20		4.2	1.8	113	15	22	19	9.2	3.0	.6	.60	0.0	20
21		4.1	2.1	127	12	22	19	8.6	2.1	1.1	.2	0.0	21
22		3.7	5.8	60	12	22	18	7.4	1.8	1.8	0.0	0.0	22
23		3.4	4.5	40	11	22	18	6.3	.8	2.4	0.0	0.0	23
24		3.4	3.4	32	13	22	19	6.3	0.0	1.8	0.0	0.0	24
25		3.0	3.4	27	12	22	19	7.4	0.0	1.3	0.0	0.0	25
26		3.0	3.0	24	11	22	18	6.8	.2	1.3	.1	1.0	26
27		3.0	7.6	20	11	22	17	6.3	1.1	1.1	1.1	.8	27
28		3.4	8.7	19	11	28	17	4.9	.4	.4	.8	0.0	28
29		3.7	5.3	18		31	16	4.1	.6	.2	0.0	0.0	29
30		4.1	3.7	18		26	16	4.1	.8	1.1	0.0	0.0	30
31			3.7	17		32		4.5		1.3	0.0		31
MEAN		2.78	4.60	37.3	13.6	39.1	42.6	9.80	2.40	.7	.3	.2	MEAN
MAX.		20	15	169	18	209	348	17	4.5	2.4	2.1	1.6	MAX.
MIN.		0	1.8	10	11	12	16	4.1	0	0	0	0	MIN.
AC. FT.		166	283	2290	754	2410	2530	602	144	42	16	8.8	AC. FT.

Total Acre-Feet 9250

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.4	3.0	4.1	3.4	7.4	19	11	1.4	0.0	0.0	0.4	1
2	0.0	0.2	3.0	3.4	8.6	6.8	17	11	1.2	0.0	0.0	0.0	2
3	0.0	0.2	4.9	3.4	16	6.8	17	11	1.0	0.4	0.0	0.0	3
4	0.0	0.2	32	3.4	11	6.8	16	11	0.8	1.6	0.0	0.0	4
5	0.0	0.2	20	3.4	14	7.4	33	11	0.6	0.6	0.0	0.0	5
6	0.0	0.0	11	5.3	8.0	13	28	11	0.4	0.0	0.0	0.0	6
7	0.6	1.6	9.2	14	6.3	12	24	10	0.2	0.0	0.3	0.0	7
8	1.8	2.7	9.2	15	5.3	31	20	8.6	0.0	0.0	0.8	0.0	8
9	2.4	3.7	8.0	25	17	22	18	7.4	0.0	0.0	0.0	0.0	9
10	0.2	5.3	8.0	13	57	26	17	7.4	0.0	0.0	0.0	0.0	10
11	0.0	5.3	6.8	10	26	20	17	7.4	0.0	0.2	0.0	0.0	11
12	0.0	5.8	6.8	8.0	19	18	16	6.8	0.0	0.8	0.0	0.0	12
13	0.0	5.3	6.3	6.8	17	17	16	6.8	0.0	1.6	0.0	0.0	13
14	0.0	5.3	6.3	6.3	22	37	16	5.8	0.0	0.2	0.0	0.0	14
15	0.0	4.9	5.3	6.3	16	21	16	5.8	0.0	0.0	0.0	0.0	15
16	0.0	4.9	5.3	5.3	12	40	15	5.8	0.0	0.0	0.0	0.0	16
17	0.0	4.9	5.3	4.9	11	29	15	4.9	0.0	0.0	0.0	0.0	17
18	0.0	4.9	4.9	4.9	10	20	15	4.7	0.0	0.0	0.2	0.0	18
19	0.0	4.9	4.9	4.1	9.2	16	16	4.5	0.0	0.0	0.5	0.0	19
20	0.0	5.3	4.1	4.1	11	14	15	4.3	0.0	0.0	0.0	0.0	20
21	0.0	6.3	4.1	4.1	10	12	15	4.0	0.0	0.0	0.0	0.0	21
22	0.0	16	4.1	3.4	8.6	78	14	3.8	0.0	0.0	0.0	0.0	22
23	1.4	6.3	4.1	3.4	8.0	38	14	3.6	0.0	0.4	0.0	0.0	23
24	2.4	4.1	3.4	3.4	8.0	29	13	3.2	0.0	1.1	0.0	0.0	24
25	0.4	3.0	4.1	3.4	7.4	67	18	3.0	0.0	1.6	0.0	0.0	25
26	0.0	3.0	3.4	3.4	7.4	54	17	2.7	0.0	0.9	0.0	0.0	26
27	0.0	3.0	4.1	3.4	7.4	36	13	2.5	0.0	0.0	0.0	0.0	27
28	0.4	3.0	6.8	3.0	7.4	29	13	2.3	0.0	0.0	0.0	0.0	28
29	3.9	3.0	6.3	3.0		26	13	2.0	0.0	0.0	0.0	0.0	29
30	1.8	3.0	4.9	3.0		24	12	1.8	0.0	0.0	0.0	0.0	30
31	0.4		4.1	3.0		21		1.6		0.0	0.8		31
MEAN	.51	3.89	6.89	6.04	13.0	25.3	16.9	6.02	.19	.30	.082	.014	MEAN
MAX.	3.9	16	32	25	57	78	33	11	1.4	1.6	.8	0.4	MAX.
MIN.	0.0	0	3.0	3.0	3.4	6.8	12	1.6	0.0	0.0	0.0	0.0	MIN.
AC. FT.	31	232	424	371	722	1560	1010	370	11	19	5.0	0.8	AC. FT.

Total Acre-Feet 4750

TABLE A-5

SAND CREEK EAST OF ORANGE COVE

Location: Latitude 36° 37' 36", longitude 119° 14' 48", in SE¼, NW¼ Sec. 15, T. 15S, R.25E,

Tulare County, on right bank 3.8 miles east of Orange Cove.

Drainage Area: 31.6 sq. miles

Period of Record: October 1944 to September 30 current year.

U.S.O.S. Operated Station 1944 - 1954.

U.S.B.R. operated station 1955 - 1967.

K.D.W.C.D. operated station 1968 to current year.

Maximum discharge since 1944, 3,520 cfs January 25, 1969

Gage Height: 8.75 ft. from floodmarks

Remarks: Records good. No regulation or diversion above station

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Station discontinued by KDWC on January 27, 1971. Station reactivated by U.S. Geological survey on February 6, 1971.		6	5		3.1	1.7	1.6	.60				1
2			5	5		2.8	1.6	1.7	.60				2
3			6	5		2.8	1.6	2.3	.54				3
4			5	5		3.0	1.6	1.6	.51				4
5			3	5		2.8	1.4	1.4	.48				5
6			3	5	3.7	2.8	1.4	1.3	.43				6
7			3	4	3.7	3.0	1.5	1.7	.38				7
8			2	4	3.7	3.0	1.5	2.3	.28				8
9			5	4	3.7	3.1	1.9	1.3	.24				9
10			3	4	3.7	3.1	1.5	1.1	.26				10
11			3	4	3.7	3.1	1.4	.92	.26				11
12	N		3	5	3.5	3.0	1.2	.76	.24	N	N	N	12
13	O		3	15	3.3	1.4	1.5	.68	.15	O	O	O	13
14			2	19	3.3	3.0	1.7	.60	.10				14
15			2	15	3.3	2.1	2.1	.54	.06				15
16	F		5	11	3.5	2.1	1.8	.48	.03	F	F	F	16
17	L		11	10	4.4	1.9	7.5	.45	.03	L	L	L	17
18	O		14	10	5.0	1.8	8.9	.40	.02	O	O	O	18
19	W		10	8	4.7	1.8	3.7	.40	.02	W	W	W	19
20			9	8	4.2	1.8	2.8	.40	.02				20
21			19	6	3.5	1.8	2.6	.40	.02				21
22			23	6	3.3	1.8	2.2	.48	.02				22
23			19	5	3.3	2.1	2.1	.45	.02				23
24			14	4	3.0	2.2	2.5	.26	.02				24
25		0	11	4	2.8	2.2	2.5	.26	.01				25
26		5	10	4	2.6	2.5	1.8	.26	.01				26
27		5	10	4	2.8	2.5	1.7	1.0	.01				27
28		2	10	0	3.1	2.2	1.8	1.9	.01				28
29		5	8			2.1	1.7	1.6	0				29
30		19	7			1.9	1.7	1.1					30
31			6			1.7		.72					31
MEAN		36	240			2.81	2.28	.98	.18				MEAN
MAX.		19	0			14	8.9	2.3	.60				MAX.
MIN.		0				1.7	1.2	.26	0				MIN.
AC. FT.		71	476			173	136	60	11				AC. FT.

Total Acre-Feet 927

TABLE A-5 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0	1.4	1.4	1.2	0.2						1
2			0.0	1.4	1.3	1.0	0.3						2
3			0.0	1.4	1.2	1.0	0.2						3
4			0.0	1.3	1.3	0.9	0.2						4
5			0.0	1.2	3.9	0.9	0.2						5
6			0.0	1.2	5.6	0.9	0.2						6
7			0.0	1.2	1.6	0.8	0.2						7
8			0.0	1.2	1.3	0.7	0.2						8
9			0.0	1.1	1.2	0.7	0.2						9
10			0.0	1.1	1.0	0.6	0.4						10
11			0.0	1.1	1.0	0.6	0.5						11
12	N	N	0.0	1.2	1.0	0.7	0.5	N	N	N	N	N	12
13	O	O	0.0	1.2	1.0	0.7	0.9	O	O	O	O	O	13
14			0.0	1.2	1.0	0.7	0.8						14
15			0.0	1.2	1.0	0.6	0.6						15
16	F	F	0.0	1.2	1.0	0.5	0.5	F	F	F	F	F	16
17	L	L	0.0	1.2	1.0	0.4	0.4	L	L	L	L	L	17
18	O	O	0.0	1.2	1.0	0.4	0.4	O	O	O	O	O	18
19	W	W	0.0	1.2	1.0	0.4	0.3	W	W	W	W	W	19
20			0.0	1.2	1.0	0.3	0.2						20
21			0.0	1.2	1.2	0.3	0.1						21
22			0.0	1.2	1.2	0.3	0.0						22
23			2.9	1.3	1.1	0.3	0.0						23
24			1.6	1.3	1.1	0.3	0.0						24
25			2.8	1.3	1.2	0.3	0.0						25
26			14	1.4	1.3	0.2	0.0						26
27			10	1.4	1.3	0.3	0.0						27
28			13	1.8	1.3	0.3	0.0						28
29			3.4	1.5	1.2	0.3	0.0						29
30			2.5	1.4		0.3	0.0						30
31			1.8	1.4		0.2	0.0						31
MEAN			1.7	1.3	1.40	.6	.2						MEAN
MAX.			14	1.8	5.6	1.2	0.9						MAX.
MIN.			0.0	1.1	1.0	0.2	0.0						MIN.
AC. FT.			103	79	80	34	15						AC. FT.

Total Acre-Feet 311

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0.0	3.7	14	22	6.4	1.4				1
2				0.0	3.7	11	20	5.9	1.9				2
3				0.0	3.6	11	19	5.9	1.8				3
4				0.0	3.7	17	17	5.7	1.8				4
5				0.0	3.6	12	16	3.7	1.7				5
6				0.0	4.4	19	15	4.4	1.7				6
7				0.0	5.7	23	14	5.3	1.6				7
8				0.0	4.6	17	14	5.0	1.4				8
9				11	4.0	15	13	5.0	1.3				9
10				7.2	18	13	13	4.6	1.3				10
11				2.8	129	31	12	4.2	1.3				11
12	N	N	N	2.1	87	19	12	3.7	1.3	N	N	N	12
13	O	O	O	1.8	41	18	12	3.4	1.4	O	O	O	13
14				1.6	62	17	12	4.0	1.5				14
15				1.6	57	14	11	3.9	1.7				15
16	F	F	F	46	26	13	11	3.1	1.6	F	F	F	16
17	L	L	L	50	19	13	10	2.8	1.4	L	L	L	17
18	O	O	O	152	16	12	10	2.7	1.4	O	O	O	18
19	W	W	W	115	14	12	8.4	2.5	1.2	W	W	W	19
20				27	12	109	7.7	2.4	0.9				20
21				14	12	62	7.7	2.4	0.6				21
22				9.6	10	68	7.4	2.1	0.4				22
23				6.7	9.6	39	7.4	2.0	0.2				23
24				5.9	9.2	30	7.4	2.0	0.1				24
25				5.3	8.8	33	7.0	2.0	0.0				25
26				5.0	9.2	92	6.7	1.9	0.0				26
27				4.4	12	52	6.7	1.8	0.0				27
28				4.4	43	44	6.4	1.7	0.0				28
29				4.2		34	6.4	1.5	0.0				29
30				4.2		27	7.7	1.4	0.0				30
31				4.0		25		1.3					31
MEAN				16	23	30	11.3	3.4	1.0				MEAN
MAX.				152	129	109	22	6.4	1.9				MAX.
MIN.				0	3.6	11	6.4	1.3	0				MIN.
AC. FT.				964	1250	1820	674	208	62				AC. FT.

Total Acre-Feet 4980

TABLE A-5 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.4	12	14	8.3	5.3	134	2.3	2.4	0.2			1
2	0.0	0.4	8.9	6.8	7.7	18	202	1.4	2.2	0.2			2
3	0.0	0.5	3.1	4.3	7.0	28	35	1.1	2.1	0.2			3
4	0.0	0.5	2.4	5.0	6.8	16	23	1.3	1.9	0.2			4
5	0.0	0.5	2.0	7.7	6.8	8.7	18	2.1	1.7	0.1			5
6	0.0	0.6	1.9	15	9.0	7.9	14	2.1	1.6	0.1			6
7	0.0	0.6	1.8	59	7.1	8.7	12	2.0	1.6	0.1			7
8	0.0	0.6	1.7	34	6.5	14	11	1.9	1.4	0.1			8
9	0.0	0.7	1.7	16	6.2	9.0		2.0	1.2	0.0			9
10	0.0	0.7	1.7	11	6.0	7.4	10	1.8	1.0	0.0			10
11	0.0	0.7	1.7	9.4	5.7	7.0	8.1	1.6	0.8	0.0	N	N	11
12	0.0	6.7	1.5	18	5.7	6.8	7.4	1.4	0.8	0.1	O	O	12
13	0.0	6.7	1.9	12	6.9	6.8	6.6	1.4	0.8	0.1			13
14	0.0	3.7	2.6	9.5	5.8	6.6	6.2	1.4	0.7	0.1			14
15	0.0	2.5	2.1	8.3	5.5	6.3	5.7	1.3	0.7	0.1			15
16	0.0	2.2	1.9	9.3	5.3	6.1	5.4	1.5	0.8	0.1			16
17	0.0	2.8	1.8	30	5.3	5.9	5.1	1.6	0.8	0.0			17
18	0.0	2.3	1.7	22	5.1	5.9	4.9	1.8	0.8	0.0			18
19	0.0	8.5	1.7	17	5.7	5.9	4.8	2.2	0.9	0.0			19
20	0.0	3.6	1.7	32	6.0	6.0	4.9	2.4	0.9	0.0			20
21	0.0	2.7	1.9	36	5.1	6.0	4.3	2.4	0.8	0.0			21
22	0.0	2.3	4.6	20	5.0	6.6	4.1	2.7	0.7	0.0			22
23	0.0	2.0	3.2	15	4.8	6.8	4.2	2.8	0.6	0.0			23
24	0.0	1.8	2.4	14	4.7	6.9	4.7	3.0	0.5	0.0			24
25	0.0	1.8	2.3	12	4.5	7.1	4.0	3.1	0.4	0.0			25
26	0.0	1.9	2.1	11	4.5	7.1	3.7	3.2	0.4	0.0			26
27	0.0	1.6	9.7	9.8	4.5	7.9	3.5	2.9	0.4	0.0			27
28	0.0	1.4	6.8	9.1	4.5	21	3.3	2.7	0.3	0.0			28
29	0.0	1.6	4.3	8.7		10	3.0	2.6	0.3	0.0			29
30	0.0	1.6	3.2	8.3		13	2.1	2.8	0.3	0.0			30
31			3.1	7.7		14		2.8		0.0			31
MEAN	0.0	2.8	3.2	16	5.9	9.4	19	2.1	1.0	0.1			MEAN
MAX.	.3	.23	.12	.59	.90	.28	.202	.32	.24	.2			MAX.
MIN.	0.0	.4	1.5	4.3	4.5	5.3	2.1	1.1	0.3	0.0			MIN.
AC. FT.	1.0	168	197	976	329	581	1,120	130	59	3.8			AC. FT.

Total Acre-Feet 3570

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	2.1	2.2	2.0	1.4	2.7	6.1	2.8	0.6				1
2	0.0	2.2	2.2	2.0	3.1	3.6	5.4	2.5	0.5				2
3	0.0	1.9	3.7	1.8	4.3	2.9	5.4	2.5	0.5				3
4	0.0	1.7	20	2.0	3.1	3.0	5.5	2.7	0.5				4
5	0.0	1.3	8.2	2.0	3.4	3.7	13	2.9	0.4				5
6	0.0	0.9	3.7	3.2	2.5	9.4	9.9	2.7	0.3				6
7	0.0	1.0	2.8	5.1	2.3	6.3	7.3	2.5	0.2				7
8	0.0	1.3	2.4	8.9	2.2	15	5.9	2.4	0.2				8
9	0.0	1.5	2.0	9.4	5.5	9.8	5.1	2.2	0.1				9
10	0.0	1.6	1.8	4.3	18	10	4.6	2.0	0.1				10
11	0.0	1.6	1.7	3.3	8.3	7.8	4.4	2.1	0.0				11
12	0.0	1.7	1.6	2.9	4.5	8.3	4.4	2.0	0.0	N	N	N	12
13	0.0	1.8	1.6	2.8	5.7	8.1	4.0	2.2	0.0	O	O	O	13
14	0.0	1.8	1.5	2.6	9.9	17	4.4	1.8	0.0				14
15	0.0	1.8	1.5	2.5	4.9	8.3	4.7	1.7	0.0				15
16	0.0	2.6	1.5	2.4	3.6	13	4.4	2.0	0.0	F	F	F	16
17	0.0	2.0	1.5	2.2	3.2	10	4.4	2.1	0.0	L	L	L	17
18	0.0	2.0	1.5	2.2	2.8	6.8	4.2	1.7	0.0	O	O	O	18
19	0.0	2.0	1.5	2.2	2.6	5.8	3.9	1.5	0.0	W	W	W	19
20	0.0	2.0	1.4	1.9	3.6	5.1	3.9	1.6	0.0				20
21	0.0	2.4	1.5	1.7	3.1	5.4	3.9	1.7	0.0				21
22	0.0	9.1	1.7	1.6	2.6	25	3.6	1.6	0.0				22
23	0.0	4.4	1.6	1.7	2.5	11	3.4	1.5	0.0				23
24	0.0	3.2	1.4	1.7	2.6	8.0	3.5	1.5	0.0				24
25	0.0	2.7	1.5	1.6	2.6	16	5.5	1.4	0.0				25
26	0.0	2.6	1.7	1.6	2.5	15	5.1	1.1	0.0				26
27	0.0	2.5	1.7	1.5	2.5	10	4.1	0.9	0.0				27
28	1.9	2.4	2.9	1.4	2.7	8.6	3.9	0.8	0.0				28
29	6.2	2.3	2.5	1.3		7.6	3.3	0.7	0.0				29
30	2.3	2.2	2.0	1.3		6.8	3.1	1.0	0.0				30
31	1.8		2.0	1.3		6.6		0.8	0.0				31
MEAN	.4	2.3	2.7	2.7	4.1	9.0	5.0	1.8	.10				MEAN
MAX.	6.2	9.1	20	9.4	18	25	13	2.9	0.6				MAX.
MIN.	0.0	0.9	1.4	1.3	1.4	2.7	3.1	0.7	0.0				MIN.
AC. FT.	24	135	168	163	230	553	298	113	6.5				AC. FT.

Total Acre- Feet 1690

TABLE A-6

HAWKEYE DITCH

Station location - South side Kaweah River immediately below Terminus Dam near southwest corner

Section 25, Township 17 South, Range 27 East, M.D.B. & M.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.9	2.0	2.0	2.1	2.1	1.5	2.3	2.3	2.3	2.3	2.3	2.3	1
2	2.0	2.0	2.0	2.1	2.1	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2
3	2.0	2.0	2.0	2.1	2.1	0.0	2.3	2.3	2.3	2.3	2.3	2.3	3
4	2.0	2.0	2.0	2.1	2.2	0.0	2.3	2.3	2.3	2.3	2.3	2.3	4
5	2.0	2.0	2.0	2.1	2.2	0.0	2.3	2.3	2.3	2.3	2.3	2.3	5
6	2.0	2.0	2.0	2.1	2.2	0.0	2.3	2.3	2.3	2.3	2.3	2.3	6
7	2.0	2.0	2.0	2.1	2.2	0.0	2.3	2.3	2.3	2.3	2.3	2.3	7
8	2.0	2.0	2.0	2.1	2.2	0.0	2.3	2.3	2.3	2.3	2.3	2.3	8
9	1.9	2.0	2.0	2.1	2.2	1.2	2.3	2.3	2.3	2.3	2.3	2.3	9
10	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	10
11	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	11
12	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	12
13	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	13
14	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	14
15	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	15
16	2.0	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	16
17	2.1	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	17
18	2.1	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.4	2.3	2.3	2.3	18
19	2.1	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.4	2.3	2.3	2.3	19
20	2.1	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.4	2.3	2.3	2.3	20
21	2.1	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.4	2.3	2.3	2.3	21
22	2.1	2.0	2.0	2.0	0.9	2.3	2.3	2.3	2.4	2.3	2.3	2.3	22
23	2.0	2.0	2.0	1.9	0.0	2.3	2.3	2.3	2.4	2.3	2.3	2.3	23
24	2.0	2.0	2.1	1.9	0.0	2.3	2.3	2.3	2.4	2.3	2.3	2.3	24
25	2.0	2.0	2.1	1.9	1.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	25
26	2.0	2.0	2.1	1.9	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	26
27	2.0	2.0	2.1	1.9	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	27
28	2.0	2.0	2.1	1.9	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	28
29	2.0	2.0	2.1	2.1		2.3	2.3	2.3	2.3	2.3	2.3	2.3	29
30	2.0	2.0	2.1	2.1		2.3	2.3	2.3	2.3	2.3	2.3	2.3	30
31	2.0		2.1	2.1		2.3		2.3		2.3			31
MEAN													MEAN
MAX.	2.1	2.0	2.1	2.1	2.2	2.3	2.3	2.3	2.4	2.3	2.3	2.3	MAX.
MIN.	1.9	2.0	2.0	1.9	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	MIN.
AC. FT.	123	119	125	127	109	106	137	141	138	141	141	137	AC. FT.

Total Acre-Feet 1544

TABLE A-6 (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	1
2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	2
3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	3
4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	4
5	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	5
6	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	6
7	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	7
8	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	8
9	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	9
10	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	10
11	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	11
12	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	12
13	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	13
14	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	14
15	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	15
16	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	16
17	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	17
18	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	18
19	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	19
20	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.1	20
21	2.3	2.3	2.3	2.3	0.8	2.3	2.3	2.3	2.3	2.2	2.2	2.1	21
22	2.3	2.3	2.3	2.3	0.0	2.3	2.3	2.3	2.3	2.3	2.2	2.1	22
23	2.3	2.3	2.3	2.3	0.0	2.3	2.3	2.3	2.3	2.3	2.2	2.1	23
24	2.3	2.3	2.3	2.3	0.0	2.3	2.3	2.3	2.3	2.3	2.2	2.1	24
25	2.3	2.3	2.3	2.3	1.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	25
26	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	26
27	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	27
28	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	28
29	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	29
30	2.3	2.3	2.3	2.3	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.1	30
31	2.3	2.3	2.3	2.3	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.1	31
MEAN													MEAN
MAX.	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	MAX.
MIN.	2.3	2.3	2.3	2.3	0.0	2.3	2.3	2.3	2.2	2.2	2.2	2.1	MIN.
AC. FT.	141	137	141	141	114	141	137	141	135	137	139	125	AC. FT.

Total Acre-Feet 1629

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.1	2.1	2.2	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	1
2	2.1	2.1	2.2	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2
3	2.1	2.1	2.2	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	3
4	2.1	2.1	2.2	2.1	2.2	2.2	2.1	2.3	2.2	2.2	2.2	2.2	4
5	2.1	2.1	2.2	2.2	2.2	2.2	2.1	2.3	2.2	2.2	2.2	2.2	5
6	2.1	2.1	2.2	2.2	2.2	2.2	2.1	2.3	2.2	2.2	2.2	2.2	6
7	2.1	2.1	2.2	2.2	2.2	2.2	2.1	2.3	2.2	2.2	2.2	2.2	7
8	2.1	2.1	2.2	2.2	2.2	2.2	2.1	2.3	2.2	2.2	2.2	2.2	8
9	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.3	2.2	2.2	2.2	2.2	9
10	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.3	2.2	2.2	2.2	2.2	10
11	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	11
12	2.1	2.1	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.2	12
13	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	13
14	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	14
15	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	15
16	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	16
17	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	17
18	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	18
19	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	19
20	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	20
21	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	21
22	2.1	2.1	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	22
23	2.1	2.1	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	23
24	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	24
25	2.1	2.2	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	25
26	2.1	2.2	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	26
27	2.1	2.2	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	27
28	2.1	2.2	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	28
29	2.1	2.2	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	29
30	2.1	2.2	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	30
31	2.1	2.2	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	31
MEAN													MEAN
MAX.	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	MAX.
MIN.	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.2	MIN.
AC. FT.	129	126	133	134	122	131	125	136	131	135	135	131	AC. FT.

Total Acre-Feet 1568

TABLE A-6 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1
2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2
3	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	3
4	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	4
5	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	5
6	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	6
7	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	7
8	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	8
9	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	9
10	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	10
11	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	11
12	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	12
13	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	13
14	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	14
15	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	15
16	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	16
17	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	17
18	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	18
19	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	19
20	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	20
21	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	21
22	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	22
23	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	23
24	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	24
25	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	25
26	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	26
27	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	27
28	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	28
29	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	29
30	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	30
31	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	31
MEAN	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	MEAN
MAX.	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	MAX.
AC. FT.	132	127	129	129	117	129	125	132	125	129	129	125	AC. FT.

Total Acre-Feet 1528

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	1
2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2
3	2.1	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	3
4	2.1	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	4
5	2.1	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	5
6	2.1	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	6
7	2.1	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	7
8	2.1	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	8
9	2.1	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	9
10	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	10
11	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	11
12	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	12
13	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	13
14	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	14
15	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	15
16	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	16
17	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	17
18	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	18
19	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	19
20	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	20
21	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	21
22	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	22
23	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	23
24	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	24
25	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	25
26	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	26
27	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	27
28	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	28
29	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	29
30	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	30
31	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	31
MEAN	2.3	2.1	2.0	2.1	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	MEAN
MAX.	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	MAX.
AC. FT.	132	122	123	124	111	123	119	123	125	123	123	119	AC. FT.

Total Acre-Feet 1467

TABLE A-7

LEMONCOVE DITCH BELOW TERMINUS DAM

Location - Latitude 36°24'55", longitude 119°00'22", in southwest $\frac{1}{4}$, southwest $\frac{1}{4}$, Section 25,

Township 17 south, Range 27 east, Tulare County, on left bank 250 feet downstream from outlet tunnel of Terminus Dam and 2.4 miles northeast of Lemoncove.

Period of record - June 1962 to current year

Gage - Water stage recorder and Parshall flume. Datum of gage is 546.3 feet above mean sea level (levels by Corps of Engineers).

Average discharge - 13 years, 4.96 cfs (3,598 acre-feet per year)

Extremes - Period of record: maximum daily discharge, 8.8 cfs May 5, 1970; no flow many days in 1962, 1969

Remarks - Records excellent

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		LEMONCOVE DITCH BELOW TERMINUS DAM

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.1	8.0	1.0	1.2	1.2	0.7	7.0	8.1	5.0	8.1	8.1	8.1	1
2	8.1	8.0	1.0	1.2	1.1	1.1	7.0	8.1	5.0	8.1	8.2	8.1	2
3	8.2	8.1	1.0	1.2	1.0	1.0	7.0	8.1	5.0	8.0	8.2	8.1	3
4	8.3	7.5	1.0	1.1	1.0	1.0	7.0	8.0	5.0	8.0	8.2	8.1	4
5	8.3	7.0	1.0	1.1	1.0	1.0	7.0	8.0	5.0	8.0	8.2	8.1	5
6	8.3	7.0	1.0	1.1	1.0	1.0	7.1	6.0	5.0	8.0	8.1	8.1	6
7	8.2	7.0	1.0	1.0	0.9	1.0	7.1	3.0	7.0	8.3	8.1	8.1	7
8	8.1	7.0	1.0	1.1	0.9	1.0	7.1	1.0	8.0	8.3	8.1	7.8	8
9	8.2	7.0	1.0	1.1	1.1	1.0	7.1	1.0	8.0	8.2	8.1	8.0	9
10	8.2	7.0	1.0	1.1	1.3	1.0	7.1	2.4	8.0	8.1	8.1	8.2	10
11	8.2	7.0	1.0	1.2	1.3	2.4	7.1	5.8	8.0	8.1	8.1	8.3	11
12	8.2	7.0	1.0	1.2	1.3	2.2	7.1	6.9	8.0	8.0	8.1	8.3	12
13	8.2	7.0	1.0	1.2	1.2	1.0	7.1	6.9	8.0	8.0	8.1	8.2	13
14	8.2	7.0	1.1	1.2	1.1	1.0	7.1	7.0	8.0	8.1	8.1	8.2	14
15	8.2	7.0	1.1	1.2	1.1	1.9	7.1	7.0	8.0	8.1	8.1	8.2	15
16	8.2	7.0	1.1	1.2	1.1	3.0	7.1	7.0	8.0	8.1	8.1	8.2	16
17	8.2	7.0	1.1	1.2	1.1	3.0	5.3	8.0	8.0	8.1	8.1	8.2	17
18	8.2	6.8	1.1	1.2	1.1	3.0	4.0	8.0	8.1	8.0	8.0	8.2	18
19	8.1	7.0	1.1	1.2	1.2	3.0	4.0	8.1	8.1	8.0	8.1	8.2	19
20	8.1	7.0	1.1	1.2	1.2	3.0	4.0	8.0	8.1	8.0	8.1	8.2	20
21	8.1	6.9	1.1	1.2	1.2	4.4	4.0	8.0	8.1	8.0	8.1	8.2	21
22	8.1	7.0	1.1	1.2	1.2	5.1	4.1	8.1	8.1	8.0	8.1	8.2	22
23	8.0	7.0	1.1	1.2	1.2	5.0	4.6	8.1	8.1	8.0	8.1	8.2	23
24	8.0	7.0	1.1	1.2	1.2	5.0	5.1	8.1	8.1	8.0	8.1	8.2	24
25	8.1	5.1	1.1	1.2	1.2	5.0	5.1	8.0	8.1	8.0	8.1	8.2	25
26	8.1	1.3	1.1	1.2	0.6	5.0	6.9	8.0	8.1	8.0	8.1	8.2	26
27	8.1	1.1	1.1	1.2	0.1	5.0	8.1	6.0	8.1	8.0	8.1	8.2	27
28	8.2	1.0	1.1	1.2	0.1	4.8	8.1	5.0	8.1	8.0	8.1	8.2	28
29	8.2	1.0	1.1	1.2		5.6	8.1	5.0	8.1	8.0	8.1	8.2	29
30	8.1	1.0	1.2	1.2		6.0	8.1	5.0	8.1	8.1	8.1	8.2	30
31	8.1		1.2	1.2		6.6		5.0		8.1	8.1		31
MEAN	8.2	6.1	1.0	1.2	1.0	2.9	6.4	6.5	7.4	8.1	8.1	8.2	MEAN
MAX.	8.3	8.1	1.2	1.2	1.3	6.6	8.1	8.1	8.1	8.3	8.2	8.3	MAX.
MIN	8.0	1.0	1.0	1.0	0.1	0.7	4.0	1.0	5.0	8.0	8.0	7.8	MIN
AC.FT.	502	361	65	72	58	180	382	398	441	495	499	486	AC.FT.

Total Acre-Feet 3940

TABLE A-7 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		LEMONCOVE DITCH BELOW TERMINUS DAM

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.2	7.1	2.0	1.1	1.1	2.1	7.4	7.2	8.1	8.2	8.3	8.4	1
2	8.2	7.1	1.5	1.1	1.1	2.1	7.4	7.2	8.1	8.2	8.3	8.4	2
3	8.2	7.1	1.2	1.1	1.1	2.1	7.4	7.2	8.1	8.2	8.4	8.4	3
4	8.2	7.1	1.2	1.1	1.1	2.1	7.4	7.2	8.1	8.2	8.4	8.4	4
5	8.5	7.1	1.2	1.1	1.1	2.1	7.4	7.2	8.1	8.2	8.4	8.4	5
6	8.2	7.1	1.2	1.1	1.1	4.0	7.9	7.2	8.1	8.2	8.4	8.4	6
7	8.1	7.1	1.2	1.2	1.1	6.3	8.2	7.8	8.2	8.2	8.4	8.4	7
8	8.1	7.1	1.2	1.1	1.1	7.1	8.4	8.1	8.3	8.2	8.4	8.4	8
9	8.1	7.1	1.1	1.1	1.1	7.2	8.4	8.1	8.2	8.2	8.3	8.3	9
10	8.1	7.1	1.1	1.2	1.1	7.1	8.4	8.1	8.2	8.2	8.3	8.3	10
11	8.1	6.4	1.1	1.2	1.1	7.1	7.6	8.1	8.2	8.2	8.3	8.3	11
12	8.1	2.7	1.1	1.2	1.1	7.1	7.1	8.1	8.2	8.2	8.3	8.3	12
13	8.1	1.0	1.1	1.2	1.1	7.1	7.2	8.1	8.2	8.3	8.3	8.4	13
14	8.1	1.0	1.1	1.2	1.1	7.1	7.2	8.1	8.2	8.4	8.3	8.4	14
15	8.0	1.0	1.1	1.0	1.1	7.1	7.2	8.1	8.2	8.4	8.3	8.4	15
16	8.0	1.0	1.1	1.1	1.1	7.1	7.2	8.1	8.2	8.4	8.3	8.4	16
17	7.8	1.0	1.1	1.1	1.1	7.2	7.2	8.1	8.2	8.4	8.4	8.4	17
18	8.0	1.0	1.1	1.1	1.1	7.2	7.2	8.1	8.2	8.5	8.4	8.4	18
19	8.2	1.7	1.1	1.1	1.0	7.2	7.2	8.1	8.2	8.6	8.4	8.4	19
20	8.2	2.0	1.1	1.1	1.0	7.2	7.2	4.6	8.2	8.4	8.4	8.3	20
21	8.2	2.0	1.1	1.1	1.1	7.2	7.2	2.9	8.2	8.2	8.4	8.3	21
22	8.2	2.0	1.1	1.1	1.1	7.2	7.2	5.8	8.2	8.2	8.4	8.3	22
23	7.5	2.0	1.0	1.1	0.7	7.2	7.2	7.8	8.2	8.2	8.4	8.3	23
24	7.1	2.0	0.9	1.1	0.8	7.3	7.2	8.1	8.2	8.2	8.4	8.3	24
25	7.1	2.0	0.9	1.1	1.0	7.4	7.2	7.4	8.2	8.2	8.4	8.3	25
26	7.1	2.0	1.0	1.1	1.0	7.4	7.2	7.0	8.2	8.2	8.4	8.3	26
27	7.1	2.0	1.2	1.1	1.0	7.4	7.2	7.0	8.2	8.2	8.4	8.4	27
28	7.1	2.0	1.2	1.1	1.6	7.4	7.2	7.0	8.2	8.2	8.4	8.4	28
29	7.1	2.0	1.1	1.1	2.1	7.4	7.2	7.7	8.2	8.3	8.4	8.4	29
30	7.1	2.0	1.1	1.1	1.1	7.4	7.2	8.1	8.2	8.3	8.4	8.4	30
31	7.1	2.0	1.1	1.1	1.1	7.4	7.2	8.1	8.2	8.3	8.4	8.4	31
MEAN	7.85	3.66	1.15	1.12	1.11	6.27	7.42	7.41	8.18	8.27	8.37	8.36	MEAN
MAX.	8.5	7.1	2.0	1.2	2.1	7.4	8.4	8.1	8.3	8.6	8.4	8.4	MAX.
MIN.	7.1	1.0	0.9	1.0	0.7	2.1	7.1	2.9	8.1	8.2	8.3	8.3	MIN.
AC. FT.	482	218	71	69	64	385	442	456	487	508	515	498	AC. FT.

Total Acre-Feet 4190

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		LEMONCOVE DITCH BELOW TERMINUS DAM

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.4	3.1	1.0	1.1	1.0	1.2	1.3	7.0	8.0	8.0	8.2	8.1	1
2	8.4	3.8	1.0	1.1	0.9	1.2	1.3	7.0	8.0	8.0	8.2	8.1	2
3	8.4	4.7	1.0	1.1	0.9	1.2	1.3	7.0	8.0	8.0	8.2	8.1	3
4	7.7	2.3	1.0	1.1	1.0	1.2	1.3	7.0	8.0	8.0	8.2	8.1	4
5	7.2	1.0	1.1	1.1	1.1	1.2	1.3	7.0	8.0	8.0	8.2	8.1	5
6	7.3	1.0	1.1	1.1	1.1	1.2	1.3	7.0	8.0	7.7	8.2	8.1	6
7	7.5	1.0	1.1	1.1	1.0	1.1	1.3	7.0	8.2	8.0	8.2	8.1	7
8	7.5	1.0	1.1	1.1	1.0	1.2	1.3	7.2	8.2	8.0	8.2	8.1	8
9	7.5	1.0	1.0	1.1	1.1	1.2	1.3	7.1	8.1	8.0	8.2	8.1	9
10	7.5	1.0	1.0	1.1	1.2	1.2	1.3	7.1	8.1	8.0	8.2	8.1	10
11	7.5	1.0	1.0	1.1	1.2	1.2	1.1	7.1	8.1	8.0	8.2	8.1	11
12	7.8	1.0	1.0	1.1	1.2	1.3	1.1	7.1	8.1	8.1	8.2	8.1	12
13	8.1	1.0	1.0	1.1	1.2	1.4	1.1	7.1	8.1	8.1	8.2	8.1	13
14	8.1	1.0	1.0	1.1	1.2	1.4	1.1	7.1	8.1	8.1	8.2	8.1	14
15	8.1	1.0	1.1	1.1	1.2	1.4	1.1	8.1	8.1	8.1	8.2	8.1	15
16	8.1	1.0	1.1	1.1	1.2	1.5	1.0	8.1	8.1	8.1	8.3	8.1	16
17	8.1	1.0	1.1	1.1	1.2	1.5	1.0	8.1	8.1	8.1	8.3	8.1	17
18	7.4	1.0	1.1	1.1	1.2	1.5	1.0	8.1	8.1	8.1	8.3	8.1	18
19	7.0	1.0	1.1	1.3	1.2	1.6	1.0	8.1	8.1	8.1	8.2	8.0	19
20	3.0	1.0	1.1	1.3	1.2	1.6	1.0	8.1	8.1	8.1	8.1	8.0	20
21	1.0	1.0	1.1	1.3	1.2	1.6	1.0	8.1	8.1	8.1	8.1	8.1	21
22	1.0	1.0	1.1	1.2	1.2	1.6	1.1	8.1	8.1	8.1	8.1	8.1	22
23	1.0	1.0	1.1	1.2	1.2	1.6	2.5	8.1	8.1	8.1	8.1	8.1	23
24	1.0	1.0	1.1	1.2	1.2	1.6	4.4	8.1	8.1	8.1	8.1	8.1	24
25	1.0	1.0	1.1	1.2	1.2	1.6	5.7	8.1	8.1	8.1	8.1	8.1	25
26	1.0	1.0	1.1	1.2	1.2	1.6	6.0	8.1	8.1	8.1	8.1	8.2	26
27	1.6	1.0	1.1	1.2	1.2	1.6	6.6	8.1	8.1	8.1	8.1	8.2	27
28	2.1	1.0	1.1	1.2	1.2	1.6	7.0	8.1	8.1	8.1	8.1	8.2	28
29	2.1	1.0	1.1	1.2	1.6	1.6	7.0	8.1	8.0	8.1	8.1	8.2	29
30	2.1	1.0	1.1	1.2	1.5	1.5	7.0	8.1	8.0	8.2	8.1	8.2	30
31	2.8	1.0	1.1	1.1	1.1	1.4	8.1	8.1	8.2	8.2	8.1	8.1	31
MEAN	5.40	1.33	1.07	1.15	1.14	1.41	2.39	7.63	8.08	8.06	8.17	8.11	MEAN
MAX.	8.4	4.7	1.1	1.3	1.2	1.6	7.0	8.1	8.2	8.3	8.2	8.2	MAX.
MIN.	1.0	1.0	1.0	1.1	.9	1.1	1.0	7.0	8.0	7.7	8.1	8.0	MIN.
AC. FT.	332	79	66	71	63	86	142	469	481	496	502	483	AC. FT.

Total Acre-Feet 3270

TABLE A-7 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		LEMONCOVE DITCH BELOW TERMINUS DAM

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.2	3.0	.9	1.5	1.4	1.5	1.2	8.2	8.1	8.2	8.1	8.2	1
2	7.5	3.0	.9	1.5	1.4	1.5	1.1	8.2	8.1	8.2	8.1	8.2	2
3	6.9	3.0	.7	1.5	1.4	1.4	1.0	8.2	8.1	8.2	8.1	8.1	3
4	7.0	3.0	1.1	1.5	1.4	1.4	1.0	8.2	8.0	8.2	8.0	8.1	4
5	7.0	3.7	1.3	1.5	1.4	1.4	1.2	8.2	8.0	8.2	8.0	8.2	5
6	6.5	4.0	1.3	1.5	1.4	1.4	1.4	8.2	8.1	8.2	8.1	8.2	6
7	6.2	4.0	1.3	1.5	1.4	1.4	1.4	8.1	8.2	8.2	8.3	8.2	7
8	2.9	4.0	1.2	1.5	1.4	1.4	1.4	8.0	8.2	8.2	8.3	8.1	8
9	1.3	4.1	1.3	1.5	1.4	1.4	1.4	8.0	8.3	8.2	8.3	8.1	9
10	1.2	4.1	1.4	1.3	1.4	1.4	1.3	8.0	8.3	8.2	8.3	8.2	10
11	1.2	4.1	1.4	1.3	1.4	1.4	1.3	8.0	8.3	8.2	8.3	8.0	11
12	1.8	2.1	1.4	1.3	1.4	1.4	1.4	8.0	8.3	8.2	8.3	8.1	12
13	2.2	1.0	1.4	1.4	1.4	1.4	1.4	8.0	8.3	8.2	8.3	8.2	13
14	2.2	1.0	1.4	1.4	1.4	1.4	1.4	8.0	8.3	8.1	8.2	8.2	14
15	2.2	1.0	1.4	1.4	1.4	1.2	1.4	8.1	8.3	8.2	8.2	8.1	15
16	2.8	1.0	1.4	1.4	1.4	1.2	1.4	8.2	8.3	8.2	8.2	8.0	16
17	3.2	1.2	1.4	1.4	1.4	1.2	1.4	8.2	8.3	8.1	8.2	8.0	17
18	4.4	1.1	1.4	1.4	1.4	1.2	1.9	8.2	8.3	9.1	8.2	8.1	18
19	7.1	1.0	1.4	1.4	1.4	1.2	2.2	8.2	8.3	8.1	8.2	8.2	19
20	8.1	1.0	1.4	1.3	1.4	1.2	2.2	8.2	8.3	8.1	8.2	8.3	20
21	8.1	1.1	1.5	1.2	1.3	1.4	2.2	8.2	8.3	8.1	8.2	8.4	21
22	8.1	1.1	1.5	1.2	1.2	1.1	2.9	8.2	8.3	8.1	8.3	8.4	22
23	4.2	.9	1.5	1.2	1.2	1.1	3.3	8.2	8.3	8.2	8.2	8.4	23
24	2.2	.9	1.5	1.4	1.2	1.1	4.4	8.2	8.3	8.2	8.2	8.4	24
25	2.2	.8	1.5	1.4	1.2	1.0	5.1	8.2	8.3	8.1	8.2	8.4	25
26	2.2	.9	1.5	1.4	1.2	1.0	6.5	8.2	8.3	8.1	8.2	8.4	26
27	2.7	1.0	1.5	1.4	1.2	1.0	7.2	8.2	8.3	8.1	8.2	8.4	27
28	3.0	.9	1.5	1.4	1.4	.9	7.1	8.1	8.3	8.1	8.2	8.4	28
29	3.0	.9	1.5	1.4	1.0	1.0	7.8	8.1	8.3	8.2	8.2	8.4	29
30	3.0	.9	1.6	1.4	1.2	1.2	8.2	8.1	8.3	8.2	8.2	8.4	30
31	3.0		1.6	1.4	1.1	1.1		8.1	8.1	8.2	8.2		31
MEAN	4.2	2.0	1.4	1.4	1.4	1.2	2.8	8.1	8.2	8.2	8.2	8.2	MEAN
MAX.	8.2	4.1	1.6	1.5	1.4	1.5	8.2	8.2	8.3	8.2	8.4	8.4	MAX.
MIN.	1.2	.8	.7	1.2	1.2	.9	1.0	8.0	8.0	8.1	8.0	8.0	MIN.
AC. FT.	261	119	84	86	75	77	165	500	491	502	504	490	AC. FT.

Total Acre-Feet 3350

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		LEMONCOVE DITCH BELOW TERMINUS DAM

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.4	1.2	0.6	0.9	1.1	0.9	0.8	5.0	8.1	8.1	8.0	8.1	1
2	8.4	1.0	0.6	0.9	1.0	0.8	0.8	5.0	8.0	8.1	8.0	8.1	2
3	8.4	1.0	0.6	0.9	1.0	0.9	0.8	5.0	8.0	8.1	8.0	8.0	3
4	8.4	1.0	0.6	0.9	1.0	1.0	0.8	6.3	8.0	8.1	8.0	8.0	4
5	8.4	1.0	0.8	1.1	1.0	0.9	0.8	7.6	8.1	8.1	8.0	8.0	5
6	8.4	1.0	1.1	1.3	1.0	0.9	0.9	8.0	8.2	8.1	8.0	8.1	6
7	8.4	1.0	1.2	1.3	1.0	1.0	1.0	9.0	8.1	8.1	8.0	8.1	7
8	8.4	1.0	1.2	1.3	1.0	1.0	1.0	8.0	8.1	8.1	8.0	8.2	8
9	8.4	1.0	1.0	1.3	0.9	1.0	1.0	8.0	8.1	8.1	8.1	8.2	9
10	8.4	1.0	1.0	1.4	0.9	1.2	1.0	8.0	8.1	8.1	8.1	8.2	10
11	8.2	1.0	1.0	1.3	0.9	1.2	1.0	8.1	8.1	8.1	8.1	8.1	11
12	8.2	1.0	1.0	1.2	1.0	1.1	1.0	8.1	8.0	8.1	8.1	8.1	12
13	8.2	0.9	1.0	1.2	1.1	1.0	1.0	8.2	8.1	8.1	8.1	8.1	13
14	8.2	0.9	1.0	1.2	1.1	0.9	1.0	8.2	8.1	8.1	8.1	8.1	14
15	8.2	0.9	1.0	1.2	1.1	1.1	1.1	8.2	8.1	8.0	8.1	8.1	15
16	8.2	0.9	1.0	1.4	1.1	1.2	1.0	8.1	8.2	8.0	8.1	8.1	16
17	8.2	0.9	1.0	1.3	1.1	1.2	1.0	8.1	8.2	8.0	8.1	8.1	17
18	8.3	0.8	1.1	1.3	0.7	1.2	1.0	8.1	8.2	8.0	8.1	8.1	18
19	8.3	0.8	1.1	1.3	0.0	1.2	1.0	8.1	8.2	8.0	8.1	8.1	19
20	8.3	0.8	1.1	1.3	0.0	1.2	1.0	8.1	8.2	8.0	8.1	8.1	20
21	8.3	0.8	1.1	1.3	0.0	1.2	0.9	8.1	8.2	8.0	8.1	8.1	21
22	8.3	0.8	1.1	1.3	0.0	1.2	1.1	8.1	8.2	8.0	8.1	8.1	22
23	8.3	0.8	1.1	1.3	0.0	1.2	1.9	8.1	8.2	8.0	8.1	8.1	23
24	8.3	0.6	1.0	1.3	0.9	1.0	2.3	8.1	8.1	8.0	8.1	8.1	24
25	8.3	0.6	1.0	1.3	1.3	1.0	2.3	8.1	8.1	8.1	8.1	8.1	25
26	8.4	0.6	1.0	1.3	1.1	1.0	3.3	8.1	8.1	8.1	8.0	8.1	26
27	8.4	0.6	1.1	1.3	1.1	1.0	4.6	8.1	8.1	8.1	8.0	8.1	27
28	4.0	0.6	1.1	1.3	1.1	1.0	5.0	8.1	8.1	8.1	8.0	8.1	28
29	1.2	0.6	1.1	1.3	1.0	0.8	5.0	8.1	8.1	8.1	8.0	8.1	29
30	1.2	0.6	1.1	1.1	1.1	0.8	5.0	8.1	8.1	8.1	8.0	8.1	30
31	1.2		.9	1.1	1.1	0.8		8.1	8.1	8.1	8.1		31
MEAN	7.5	0.9	1.0	1.2	0.8	1.0	1.7	7.7	8.1	8.1	8.0	8.1	MEAN
MAX.	8.4	1.2	1.2	1.4	1.3	1.2	5.0	8.2	8.2	8.1	8.1	8.2	MAX.
MIN.	1.2	.6	.6	.9	0	.8	.8	5.0	8.0	8.0	8.0	8.0	MIN.
AC. FT.	461	51	61	75	47	63	100	475	483	496	495	482	AC. FT.

Total Acre-Feet 3290

TABLE A-8

FOOTHILL DITCH

Point of diversion - Three miles above McKay Point on south bank of Kaweah River in the southeast quarter of Section 26, Township 17 South, Range 27 East, M.D.B. and M.

Maximum diversion capacity - 20 second-feet

Location of gaging station - One-half mile below head of ditch in northwest quarter of Section 35, Township 17 South, Range 27 East, M.D.B. and M.

Description of gaging station - Weir installed July 29, 1917; replaced by Parshall flume April 1, 1936.

Water stage recorder in continuous operation since 1936.

Operating agency - Foothill Ditch Company

Gross service area - 2,150 acres

Period of record - 1917 to 1975; no records during 1919; intermittent during 1917, 1918, 1920, 1924, 1925, and 1926; continuous from March 23, 1921, to February 9, 1924, and from May 8, 1926, to current year.

Remarks - Does not include water transferred to Tulare County Recreation Pool shown in table A9.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9.5	8.1	Does not include 659 acre-feet of Ditch Water transferred to Tulare County.			0.0	10.3	9.1	10.4	10.4	9.6	9.1	1
2	9.5	8.1				0.0	10.2	9.6	10.4	10.4	9.5	9.1	2
3	9.5	8.1				0.0	10.0	10.0	10.4	10.4	9.4	9.3	3
4	9.5	8.1				0.0	10.0	10.0	10.4	10.4	9.4	9.3	4
5	9.5	8.1				0.0	10.0	9.7	10.4	10.4	9.4	9.3	5
6	9.5	7.5				0.0	10.0	10.6	10.4	9.6	9.4	9.3	6
7	9.5	6.8				0.0	10.0	10.6	10.4	8.9	9.4	9.1	7
8	9.5	6.8				0.0	10.0	10.2	10.4	8.9	9.4	9.3	8
9	9.5	6.8				0.0	10.0	10.6	10.4	8.9	9.4	9.3	9
10	9.6	6.7				0.0	10.0	10.6	10.4	8.9	9.5	9.2	10
11	9.6	5.2				0.0	10.0	10.6	10.4	8.9	9.7	10.2	11
12	9.7	4.0	N	N	N	0.0	10.0	19.6	10.4	9.1	9.7	10.6	12
13	9.7	4.9	O	O	O	0.0	10.0	10.6	10.4	9.3	10.0	10.6	13
14	0.7	5.8				0.0	10.0	10.6	10.4	9.3	10.0	10.2	14
15	9.7	5.9				0.0	9.8	10.6	10.4	9.3	10.0	10.1	15
16	9.7	7.9	F	F	F	0.0	9.7	10.8	10.4	9.3	10.0	10.0	16
17	9.7	8.7	L	L	L	0.0	9.7	10.6	10.5	9.3	10.0	10.0	17
18	9.7	6.8	O	O	O	0.0	9.7	10.6	10.5	9.3	10.0	10.0	18
19	9.7	6.6	W	W	W	0.0	9.7	10.6	10.5	9.3	9.7	10.1	19
20	9.7	6.3				0.0	8.9	10.6	10.6	9.3	9.7	10.0	20
21	9.1	6.5				0.0	9.5	10.6	10.6	9.3	9.7	10.0	21
22	8.1	7.1				4.1	9.3	10.6	10.5	9.2	9.7	10.0	22
23	8.0	7.7				5.4	9.3	10.6	10.4	9.2	9.7	10.0	23
24	7.9	7.8				5.4	9.5	10.6	10.4	9.1	9.2	10.0	24
25	7.9	4.0				5.4	9.5	10.6	10.4	9.1	9.7	10.0	25
26	8.1	0.0				5.7	9.5	10.6	10.3	9.1	10.2	10.0	26
27	8.5	0.0				7.4	9.1	10.6	10.4	9.1	9.2	10.0	27
28	8.5	0.0				7.4	9.2	10.4	10.4	9.1	9.5	10.0	28
29	8.3	0.0				8.0	9.1	10.4	10.4	9.1	9.3	10.0	29
30	8.3	0.0				8.0	9.1	10.4	10.4	9.2	9.1	9.0	30
31	8.1					9.7		10.4		9.5	9.1		31
MEAN													MEAN
MAX.	9.7	8.7				9.7	10.3	10.8	10.6	10.4	10.0	10.6	MAX.
MIN.	7.9	0.0				0.0	9.1	9.1	10.3	8.9	9.1	9.0	MIN.
AC. FT.	561	338				132	577	641	620	576	554	581	AC. FT.

Total Acre-Feet 4580

TABLE A-8 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.5	5.7	3.5		0.0	4.5	8.4	10.2	11.0	10.3	3.0	9.6	1
2	8.0	6.1	2.2		0.0	4.4	8.4	10.2	10.9	10.2	4.9	9.8	2
3	7.5	5.9	1.6		0.0	4.3	8.5	10.2	10.8	10.0	9.3	10.0	3
4	7.5	5.9	3.1		0.0	4.9	8.5	10.2	10.8	9.7	9.7	10.2	4
5	7.4	5.9	3.1		0.0	6.4	8.6	10.2	10.6	9.5	10.1	10.2	5
6	7.3	5.9	3.1		0.0	8.7	8.7	10.2	10.2	9.5	10.2	10.2	6
7	7.3	5.9	3.1		0.0	9.3	8.7	10.2	10.1	9.5	10.2	10.2	7
8	7.3	5.9	2.9		0.0	9.3	8.7	10.2	10.6	9.5	10.1	10.2	8
9	7.3	5.9	3.0		0.0	9.3	8.8	10.3	10.9	9.4	9.4	10.2	9
10	7.5	5.9	1.7		0.0	9.3	8.8	10.4	10.9	9.5	9.1	10.2	10
11	8.2	5.9	2.0		0.0	7.5	8.9	10.4	10.9	10.0	9.1	10.2	11
12	7.9	5.9	3.3	N	0.0	7.2	8.5	10.4	10.8	10.2	9.6	10.2	12
13	7.7	3.5	3.3	O	0.0	7.2	8.5	10.4	10.2	10.2	10.4	10.2	13
14	7.7	2.3	3.2		0.0	7.2	8.5	10.4	10.8	10.6	10.4	10.2	14
15	7.7	5.4	3.2		0.0	7.2	8.5	10.5	10.8	10.8	10.4	10.2	15
16	7.7	5.0	3.2	F	0.0	7.2	8.5	10.5	10.8	10.8	10.2	10.2	16
17	7.7	4.4	3.2	L	0.0	7.2	8.6	10.4	10.8	10.8	10.2	10.2	17
18	7.7	3.8	3.2	O	0.0	7.2	8.7	10.3	10.8	10.8	10.2	10.2	18
19	7.7	3.6	3.2	W	0.0	7.2	8.7	10.3	10.8	11.1	10.2	10.2	19
20	7.6	3.6	3.3		0.0	7.2	9.3	10.2	10.8	9.1	10.2	10.2	20
21	7.5	3.6	3.5		0.0	7.0	9.5	10.1	10.2	10.0	10.1	10.2	21
22	7.5	3.5	2.9		0.0	6.7	9.5	10.1	10.3	10.1	10.0	10.2	22
23	7.4	3.4	0.0		0.0	6.6	9.5	10.1	10.8	10.0	10.0	10.2	23
24	7.3	3.5	0.0		0.0	6.6	10.0	10.2	10.8	10.0	10.0	10.1	24
25	7.3	3.5	0.0		0.0	6.5	9.7	10.2	10.8	10.0	10.0	10.0	25
26	7.3	3.5	0.0		0.0	6.4	9.6	10.9	10.8	10.2	10.0	10.0	26
27	7.3	3.4	0.0		0.0	7.2	9.7	11.0	10.8	10.1	10.0	10.0	27
28	7.3	3.4	0.0		2.7	7.4	10.0	10.8	10.8	10.1	10.0	9.9	28
29	7.3	2.2	0.0		4.7	8.1	10.0	10.8	10.8	10.1	9.7	9.7	29
30	7.3	3.5	0.0			8.3	10.1	10.8	10.6	10.1	9.5	9.7	30
31	7.3		0.0			8.3	10.9			10.3	9.5		31
MEAN													MEAN
MAX.	8.5	6.1	3.5		4.7	9.3	10.1	11.0	11.0	11.1	10.4	10.2	MAX.
MIN.	7.3	2.2	0.0		0.0	4.3	8.4	10.1	10.1	9.1	3.0	9.6	MIN.
AC. FT.	464	270	128		15	440	536	639	638	620	587	601	AC. FT.

Total Acre-Feet 4938

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9.7	4.5		0.0	2.0		0.0	7.7	11.0	10.2	10.4	10.0	1
2	9.7	4.7		0.0	2.4		0.0	8.1	11.0	10.2	10.4	10.0	2
3	9.7	4.7		0.0	1.8		0.0	8.1	11.0	10.2	10.4	10.0	3
4	9.7	2.3		0.0	0.0		0.0	8.1	11.0	10.2	10.4	10.0	4
5	9.7	0.0		0.0	0.0		0.0	8.1	11.0	10.2	10.4	9.7	5
6	9.7	0.0		0.0	0.0		0.0	8.1	10.9	10.0	10.4	9.6	6
7	9.7	0.0		0.0	0.0		0.0	7.5	10.8	10.0	10.4	9.7	7
8	9.7	0.0		0.0	0.0		0.0	7.2	10.8	9.7	10.4	9.7	8
9	9.7	0.0		0.0	0.0		0.0	7.2	10.7	9.7	10.4	9.7	9
10	9.7	0.0		0.0	0.0		0.0	8.7	10.7	9.4	10.4	9.7	10
11	9.7	0.0		0.0	0.0		0.0	10.0	10.7	9.1	10.4	9.5	11
12	9.5	0.0	N	0.0	0.0		0.0	10.0	10.5	9.1	10.4	9.5	12
13	9.5	0.0	O	0.0	0.0		0.0	9.6	10.4	9.2	10.4	9.5	13
14	9.5	0.0		0.0	0.0		0.0	9.7	10.4	9.3	10.1	9.3	14
15	9.5	0.0		0.0	0.0		0.0	10.2	10.4	9.5	10.0	9.3	15
16	9.5	0.0	F	0.0	0.0		0.0	10.4	10.4	9.5	10.0	9.4	16
17	9.9	0.0	L	0.0	0.0		0.0	10.4	10.4	9.5	10.0	9.5	17
18	9.5	0.0	O	0.0	0.0		0.0	10.4	10.4	9.5	10.0	9.5	18
19	7.9	0.0	W	0.0	0.0		0.0	10.4	10.4	9.5	10.0	9.5	19
20	5.0	0.0		0.0	0.0		0.0	10.4	10.4	9.5	10.0	9.5	20
21	3.6	0.0		0.0	0.0		0.0	10.4	10.4	9.5	10.0	9.5	21
22	3.1	0.0		0.0	0.0		0.0	10.4	10.4	9.5	10.0	9.2	22
23	3.0	0.0		0.0	0.0		1.7	10.4	10.4	9.5	10.1	3.9	23
24	2.7	0.0		0.0	0.0		6.2	10.4	10.4	10.2	10.2	8.9	24
25	2.4	0.0		0.0	0.0		8.7	10.6	10.4	10.4	10.0	7.9	25
26	3.4	0.0		0.0	0.0		7.5	11.2	10.2	10.4	10.0	5.2	26
27	4.0	0.0		0.0	0.0		6.2	10.3	10.2	10.4	10.0	4.1	27
28	4.3	0.0		0.0	0.0		6.6	10.6	10.2	10.4	10.0	4.1	28
29	4.5	0.0		0.0	0.0		6.4	10.7	10.2	10.4	10.0	5.1	29
30	4.4	0.0		2.1	0.0		6.2	11.0	10.2	10.4	10.0	6.6	30
31	4.4			4.9			0.0	11.0		10.4	10.0		31
MEAN													MEAN
MAX.	9.7	4.7		4.9	2.4		8.7	11.2	11.0	10.4	10.4	10.0	MAX.
MIN.	2.4	0.0		0.0	0.0		0.0	7.2	10.2	9.1	10.0	4.1	MIN.
AC. FT.	448	22		14	12		98	590	627	605	626	521	AC. FT.

Total Acre -Feet 3573

TABLE A-8 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.1	5.9		1.5		0.0	0.0	7.5	10.6	8.3	10.4	10.6	1
2	7.3	6.5		6.7		0.0	0.0	7.7	10.6	8.3	10.4	10.6	2
3	6.5	6.5		7.4		0.0	0.0	8.3	10.6	8.3	10.4	10.6	3
4	5.0	6.4		7.3		0.0	0.0	9.1	10.6	8.3	10.4	10.6	4
5	4.6	5.5		7.3		0.0	0.0	9.5	10.8	8.3	10.4	10.6	5
6	6.2	5.1		1.3		0.0	0.0	10.0	10.8	8.3	10.4	10.6	6
7	7.3	4.7		0.0		0.0	0.0	10.2	10.8	8.2	10.4	10.6	7
8	5.4	4.3		0.0		0.0	0.0	10.4	10.8	8.3	10.4	10.6	8
9	4.7	4.1		0.0		0.0	4.8	10.5	10.8	8.3	10.4	10.6	9
10	4.7	4.3		0.0		0.0	7.5	10.5	10.8	8.1	10.4	10.6	10
11	4.9	4.5		0.0		0.0	7.4	10.5	10.8	8.4	10.4	10.6	11
12	4.9	1.9	N	0.0	N	0.0	7.4	10.2	10.8	8.3	10.4	10.6	12
13	4.7	0.0	O	0.0	O	0.0	7.5	10.4	10.7	8.2	10.4	10.6	13
14	4.7	0.0		0.0		0.0	7.5	10.5	10.6	8.2	10.4	10.6	14
15	4.7	0.0		0.0		3.8	7.5	10.4	10.5	9.3	10.3	10.6	15
16	4.7	0.0	F	0.0	F	6.2	7.5	10.4	10.5	10.1	10.3	10.6	16
17	4.6	0.0	L	0.0	L	5.7	7.5	10.4	10.3	10.2	10.2	10.6	17
18	4.6	0.0	O	0.0	O	1.9	7.5	10.4	10.3	10.2	10.2	10.6	18
19	4.4	0.0	W	0.0	W	0.0	7.5	10.4	10.4	10.2	10.2	10.6	19
20	4.4	0.0		0.0		0.0	7.5	10.4	9.1	10.2	10.2	10.6	20
21	4.4	0.0		0.0		0.0	7.5	10.4	8.1	10.2	10.2	10.2	21
22	4.4	0.0		0.0		2.8	7.5	10.4	7.9	10.2	10.1	9.7	22
23	4.1	0.0		0.0		4.7	7.5	10.4	7.9	10.2	10.0	9.7	23
24	4.1	0.0		0.0		5.0	7.5	10.4	7.9	10.1	10.0	9.7	24
25	4.1	0.0		0.0		5.0	7.5	10.3	7.9	10.1	10.0	9.7	25
26	4.1	0.0		0.0		4.8	7.5	10.2	7.9	10.1	10.0	9.7	26
27	4.1	0.0		0.0		4.7	7.5	10.4	7.9	10.2	10.0	9.7	27
28	4.1	0.0		0.0		5.0	7.5	10.4	8.2	10.3	10.1	9.7	28
29	4.1	0.0		0.0		5.0	7.5	10.4	8.3	10.3	10.0	9.7	29
30	4.1	0.0		0.0		1.7	7.5	10.6	8.3	10.4	10.2	9.7	30
31	.5			0.0		0.0		10.6		10.4	10.6		31
MEAN	7.3	6.5		7.3		6.2	7.5	10.6	10.8	10.4	10.6	10.6	MEAN
MAX.	4.1	0.0		0.0		0.0	0.0	7.5	7.9	8.1	10.0	9.7	MAX.
AC. FT.	301	118		62		112	322	619	578	572	631	614	AC. FT.

Total Acre-Feet 3929

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9.7		0.0	9.1			0.0	6.7	6.5	11.3	10.4	9.9	1
2	9.5		0.0	9.3			0.0	6.9	7.5	11.5	10.6	9.7	2
3	9.5		0.0	9.3			3.9	6.8	7.9	11.5	10.8	9.9	3
4	9.5		0.0	9.3			7.7	6.8	7.9	11.5	10.8	9.9	4
5	9.5		0.0	6.4			5.0	7.5	7.9	11.4	10.8	9.9	5
6	9.5		0.0	2.5			3.3	8.9	8.1	11.5	10.8	9.9	6
7	9.5		0.0	0.0			5.4	10.1	9.1	11.5	10.8	9.9	7
8	9.5		0.0	0.0			6.7	10.8	10.4	10.8	10.8	9.9	8
9	9.5		0.0	0.0			7.2	11.0	11.3	10.4	10.8	9.9	9
10	9.3		0.0	0.0			6.9	9.1	11.7	10.2	10.8	9.9	10
11	9.3		0.0	0.0			6.9	8.3	11.5	10.2	10.8	9.9	11
12	9.5	N	0.0	0.0	N	N	6.8	8.9	11.0	10.2	10.8	9.9	12
13	9.5	O	0.0	0.0	O	O	6.8	9.1	10.8	10.8	10.4	9.3	13
14	9.5		0.0	0.0			3.2	9.5	10.8	10.8	10.4	9.3	14
15			0.0	0.0			0.0	8.9	10.8	10.8	10.4	9.3	15
16	9.3	F	0.0	0.0	F	F	0.0	8.1	10.6	10.8	10.2	9.7	16
17	9.5	L	0.0	0.0	L	L	0.0	7.9	10.6	10.4	10.2	9.5	17
18	9.5	O	0.0	0.0	O	O	2.9	2.6	10.6	10.2	10.2	9.5	18
19	9.3	W	0.0	0.0	W	W	3.3	2.3	10.6	10.2	10.2	10.0	19
20	9.3		0.0	0.0			0.0	4.7	10.6	10.2	9.7	10.0	20
21	9.3		0.0	0.0			3.9	6.4	10.6	10.2	9.7	9.9	21
22	9.1		2.7	0.0			6.1	8.5	10.4	9.9	9.5	9.9	22
23	9.1		8.3	0.0			5.0	8.9	10.4	9.9	9.5	10.2	23
24	9.1		8.1	0.0			5.0	8.9	10.2	8.3	9.5	10.2	24
25	9.1		7.9	0.0			5.0	8.9	10.2	9.1	9.5	10.2	25
26	9.1		7.9	0.0			5.2	7.9	10.6	10.4	9.5	10.2	26
27	9.1		7.3	5.8			5.4	7.3	10.6	10.2	9.5	10.2	27
28	4.6		7.7	8.5			5.4	7.2	10.6	10.2	9.5	10.2	28
29	0.0		8.5	8.5			4.8	7.3	10.6	10.6	9.5	10.2	29
30	0.0		8.5	8.5			6.1	2.4	11.0	10.6	9.7	10.2	30
31	0.0		8.7	5.7				3.7		10.6	9.9		31
MEAN	9.5		8.7	9.3			7.7	11.0	11.7	11.5	10.8	10.2	MEAN
MAX.	0.0		0.0	0.0			0.0	2.3	6.5	8.3	9.5	9.3	MAX.
AC. FT.	511		150	164			254	461	598	647	627	588	AC. FT.

Total Acre-Feet 4000

TABLE A-9

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		FOOTHILL DITCH WATER TRANSFERRED TO TULARE COUNTY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		4	18							0.0	2	2	1
2		4	18							0.0	2	2	2
3		4	18							0.0	2	2	3
4		4	18							0.0	2	2	4
5		4	18							0.0	2	2	5
6		4	18							1	2	2	6
7		5	18							2	2	2	7
8		6	18							2	2	2	8
9		6	18							2	2	2	9
10		6	18							2	2	2	10
11		6	18							2	1	1	11
12		8	18	N	N	N	N	N	N	2	0.0	0.0	12
13		10	18	O	O	O	O	O	O	2	0.0	0.0	13
14		10	18							2	0.0	0.0	14
15		10	18							2	0.0	0.0	15
16		8	18	F	F	F	F	F	F	2	0.0	0.0	16
17		6	18	L	L	L	L	L	L	2	0.0	0.0	17
18		6	6	O	O	O	O	O	O	2	0.0	0.0	18
19		6	0.0							2	0.0	0.0	19
20		6	0.0							2	0.0	0.0	20
21		6	0.0							2	0.0	0.0	21
22		5	0.0							2	0.0	0.0	22
23	0.0	4	0.0							2	0.0	0.0	23
24	2	4	0.0							2	0.0	0.0	24
25	4	4	0.0							2	0.0	0.0	25
26	4	4	0.0							2	0.0	0.0	26
27	4	10	0.0							2	0.0	0.0	27
28	4	18	0.0							2	0.0	0.0	28
29	4	18	0.0							2	0.0	0.0	29
30	4	18	0.0							2	0.0	0.0	30
31	4		0.0							2	0.0		31
MEAN										2	2	2	MEAN
MAX.	4	18	18							0	0.0	0.0	MAX.
MIN.	0.0	4	0.0										MIN.
AC. FT.	30	214	312							51	30	22	AC. FT.

Total Acre-Feet 659

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		FOOTHILL DITCH WATER TRANSFERRED TO TULARE COUNTY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2	7	12										1
2	2	8	12										2
3	4	8	12										3
4	4	8	12										4
5	4	8	12										5
6	4	8	12										6
7	4	8	12										7
8	4	8	12										8
9	4	8	12										9
10	4	8	12										10
11	4	8	12										11
12	4	8	12	N	N	N	N	N	N	N	N	N	12
13	4	9	12	O	O	O	O	O	O	O	O	O	13
14	4	11	12										14
15	4	12	12										15
16	4	12	12	F	F	F	F	F	F	F	F	F	16
17	4	12	12	L	L	L	L	L	L	L	L	L	17
18	4	12	12	O	O	O	O	O	O	O	O	O	18
19	4	12	12										19
20	4	12	12										20
21	4	12	12										21
22	5	12	12										22
23	5	12	12										23
24	6	12	12										24
25	6	12	12										25
26	6	12	12										26
27	6	12	4										27
28	6	12	0										28
29	6	12	0.0										29
30	6	12	0.0										30
31	6		0.0										31
MEAN													MEAN
MAX.	6	12	12										MAX.
MIN.	140	7	0										MIN.
AC. FT.		307	316										AC. FT.

Total Acre-Feet 763

TABLE A-9 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		FOOTHILL DITCH WATER TRANSFERRED TO TULARE COUNTY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	18									1
2			0	18									2
3			0	18									3
4			0	18									4
5			0	18									5
6			0	18									6
7			0	18									7
8			0	18									8
9			0	18									9
10			0	18									10
11			0	18									11
12	N	N	0	18	N	N	N	N	N	N	N	N	12
13	O	O	0	18	O	O	O	O	O	O	O	O	13
14			0	18									14
15			0	18									15
16	F	F	0	7	F	F	F	F	F	F	F	F	16
17	L	L	0	0	L	L	L	L	L	L	L	L	17
18	O	O	0	0	O	O	O	O	O	O	O	O	18
19	W	W	0	0	W	W	W	W	W	W	W	W	19
20			11	0									20
21			18	0									21
22			18	0									22
23			18	0									23
24			18	0									24
25			18	0									25
26			18	0									26
27			18	0									27
28			18	0									28
29			18	0									29
30			18	0									30
31			18	0									31
MEAN			18	18									MEAN
MAX.			0	0									MAX.
MIN.			209	277									MIN.
AC. FT.													AC. FT.

Total Acre-Feet 486

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		FOOTHILL DITCH WATER TRANSFERRED TO TULARE COUNTY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0.0								1
2					0.0								2
3					0.0								3
4					0.0								4
5					11								5
6					18								6
7					18								7
8					18								8
9					18								9
10					18								10
11					7								11
12	N	N	N	N	0.0	N	N	N	N	N	N	N	12
13	O	O	O	O	0.0	O	O	O	O	O	O	O	13
14					0.0								14
15					0.0								15
16	F	F	F	F	0.0	F	F	F	F	F	F	F	16
17	L	L	L	L	0.0	L	L	L	L	L	L	L	17
18	O	O	O	O	0.0	O	O	O	O	O	O	O	18
19	W	W	W	W	0.0	W	W	W	W	W	W	W	19
20					0.0								20
21					0.0								21
22					0.0								22
23					0.0								23
24					0.0								24
25					0.0								25
26					0.0								26
27					0.0								27
28					0.0								28
29					0.0								29
30													30
31													31
MEAN					18								MEAN
MAX.					0.0								MAX.
MIN.					108								MIN.
AC. FT.													AC. FT.

Total Acre-Feet 103

TABLE A-10

WUTCHUMNA DITCH

Point of diversion - Above McKay Point on north bank of Kaweah River in the southeast quarter of Section 34, Township 17 South, Range 27 East, M.D.B. and M.

Maximum diversion capacity - 300 second-feet

Location of gaging station - Three-tenths of a mile below head of ditch in southeast quarter of Section 34, Township 17 South, Range 27 East, M.D.B. and M.

Description of gaging station - Rated concrete control structure, checked frequently by means of current meter measurements prior to installation of 12-foot Parshall flume completed in February 1954.

Operating agency - Wutchumna Water Company

Gross service area - 10,500 acres, exclusive of areas included in Lindsay-Strathmore and Tulare Irrigation Districts.

Period of record - 1917 to 1975; intermittent from January 12, 1917, to February 16, 1920; continuous from February 16, 1920, to current year

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	12	18	103	28	55	37	156	127	171	128	21	8	1
2	13	26	57	33	55	38	154	154	175	123	18	8	2
3	14	27	67	37	55	37	153	161	169	114	18	8	3
4	13	25	51	31	52	38	154	164	169	103	18	8	4
5	11	23	35	27	48	40	154	161	174	85	16	8	5
6	13	15	35	27	44	40	163	76	178	61	14	9	6
7	13	9	24	27	44	42	164	22	193	64	13	9	7
8	14	8	27	26	44	40	156	68	199	62	14	9	8
9	14	14	36	26	42	40	149	171	206	58	14	9	9
10	13	15	49	26	41	41	151	176	215	55	13	8	10
11	14	8	50	26	42	42	155	186	214	51	12	8	11
12	14	9	41	28	44	43	161	194	215	49	14	9	12
13	14	9	37	43	51	54	171	201	213	49	13	16	13
14	13	8	28	56	55	63	166	209	213	47	11	12	14
15	12	8	21	49	59	86	158	222	214	45	12	21	15
16	13	9	25	41	67	95	151	230	217	44	13	22	16
17	14	9	41	41	68	80	155	239	219	43	14	18	17
18	14	9	54	52	65	58	161	236	213	45	11	16	18
19	14	9	47	91	59	60	161	227	204	54	11	13	19
20	13	9	41	133	55	66	156	224	195	52	13	16	20
21	13	9	38	150	55	68	152	223	189	43	11	16	21
22	15	8	50	123	55	85	143	206	188	39	11	14	22
23	15	8	53	88	53	111	122	184	183	36	11	14	23
24	16	9	41	77	49	130	114	181	177	33	10	14	24
25	17	13	36	65	46	114	84	196	172	32	10	14	25
26	19	9	36	50	44	105	72	208	166	26	10	14	26
27	19	79	36	50	42	135	67	214	163	25	11	14	27
28	17	96	43	51	37	141	68	210	159	25	12	15	28
29	17	39	45	52		157	70	193	155	23	10	17	29
30	18	96	37	52		159	88	184	144	22	9	17	30
31	18		29	53		156		173		21	8		31
MEAN													MEAN
MAX.	19	96	103	150	68	159	171	239	219	128	21	22	MAX.
MIN.	11	8	21	26	37	37	67	22	144	21	8	8	MIN.
AC. FT.	891	1256	2604	3291	2829	4762	8190	11147	11231	3287	786	774	AC. FT.

Total Acre-Feet 51048

TABLE A-10 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	17	9	15	39	25	40	43	161	76	18	8	13	1
2	18	9	16	40	23	38	43	162	76	16	8	13	2
3	18	9	14	13	23	38	42	171	75	14	10	15	3
4	13	9	13	6	23	39	47	168	75	11	17	15	4
5	8	9	13	15	24	39	53	149	66	13	19	14	5
6	13	9	13	22	25	62	52	150	58	16	19	11	6
7	19	9	14	23	42	80	45	163	57	16	16	14	7
8	19	9	13	25	58	77	42	165	91	11	11	18	8
9	19	9	11	26	48	79	42	156	140	13	10	13	9
10	19	9	11	25	34	89	48	150	143	12	14	10	10
11	17	9	11	23	34	92	52	137	95	11	12	10	11
12	16	14	11	22	33	92	54	140	61	9	9	8	12
13	14	27	13	23	32	81	55	141	54	8	9	8	13
14	15	44	16	25	29	84	54	141	51	8	8	8	14
15	14	31	18	27	27	104	56	163	49	8	12	8	15
16	12	19	16	27	27	107	57	177	46	8	10	8	16
17	13	16	16	27	29	103	61	165	45	9	7	8	17
18	11	15	14	27	31	117	64	152	44	9	7	12	18
19	9	14	14	27	31	127	58	115	40	9	6	15	19
20	9	14	14	27	31	128	52	80	35	9	6	15	20
21	9	14	15	28	34	128	47	76	31	9	9	16	21
22	9	12	15	28	38	116	47	67	30	8	9	15	22
23	9	11	39	28	39	102	47	61	26	8	9	15	23
24	9	11	72	28	39	81	71	59	25	8	6	16	24
25	9	11	77	25	37	65	118	67	24	9	1	15	25
26	9	11	77	25	36	64	103	85	24	9	3	8	26
27	9	11	77	26	36	60	107	97	20	9	3	6	27
28	9	12	52	27	36	56	148	121	21	8	2	8	28
29	8	13	23	26	38	48	158	113	22	8	6	10	29
30	8	14	26	26	44	44	164	104	19	8	7	7	30
31	9		37	26	42	42		88		9	12		31
MEAN													MEAN
MAX.	19	44	77	40	58	128	164	177	143	18	19	16	MAX.
MIN.	8	9	11	6	23	38	42	59	19	8	1	6	MIN.
AC. FT.	744	819	1559	1551	1908	4804	4027	7823	3211	637	555	698	AC. FT.

Total Acre-Feet 28366

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7	9	17	26	52	184	55	266	337	201	31	17	1
2	10	11	17	22	51	185	55	242	337	193	30	15	2
3	15	11	17	19	49	164	54	242	337	183	30	13	3
4	14	11	19	20	49	163	86	263	337	173	31	12	4
5	14	11	42	20	49	171	128	268	337	168	34	11	5
6	15	12	40	19	48	162	140	251	337	169	35	11	6
7	16	14	31	19	54	178	153	226	337	169	36	11	7
8	16	15	35	19	81	180	153	229	337	166	31	11	8
9	16	15	38	31	77	170	153	272	337	162	28	11	9
10	16	15	38	99	77	166	154	299	337	156	28	10	10
11	16	16	20	87	172	177	155	299	337	153	26	9	11
12	14	15	25	44	218	202	155	301	335	152	26	8	12
13	14	16	24	39	253	194	155	301	317	142	24	8	13
14	14	16	23	39	211	180	155	303	319	118	19	8	14
15	14	28	22	42	181	178	155	302	283	89	21	8	15
16	14	41	22	44	178	170	155	301	255	77	26	8	16
17	16	37	22	150	184	168	160	301	248	69	23	8	17
18	14	38	28	247	168	174	174	302	254	64	19	9	18
19	18	38	39	210	153	165	180	302	260	65	18	9	19
20	35	27	44	260	140	173	177	302	268	60	20	8	20
21	40	19	46	201	134	193	170	302	265	55	22	8	21
22	31	18	41	163	125	201	166	304	257	52	24	8	22
23	30	18	37	128	114	204	169	302	247	47	22	8	23
24	29	18	36	86	115	177	179	302	241	45	19	8	24
25	13	18	36	69	115	151	199	304	231	44	16	10	25
26	10	18	31	67	115	93	228	304	233	40	14	9	26
27	9	18	27	67	115	54	248	304	238	38	15	9	27
28	8	18	27	67	141	54	250	313	236	37	17	9	28
29	8	17	26	60		55	248	323	222	34	18	9	29
30	8	18	26	54		55	265	323	210	34	17	9	30
31	9		26	52		55		331		34	17		31
MEAN													MEAN
MAX.	40	41	46	260	253	204	265	331	337	201	36	17	MAX.
MIN.	7	9	17	19	48	54	54	226	210	34	14	8	MIN.
AC. FT.	998	1142	1849	4899	6782	9501	9668	17820	17110	6325	1462	579	AC. FT.

Total Acre-Feet 78135

TABLE A-10 (Cont'd)
DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9	10	25	55	69	49	180	186	305	164	41	9	1
2	9	11	25	61	69	126	186	208	305	166	44	11	2
3	9	11	65	60	69	251	189	232	293	159	39	14	3
4	8	11	107	51	64	251	195	245	292	152	36	12	4
5	8	11	75	47	59	206	194	246	299	143	34	9	5
6	8	11	39	47	60	184	198	232	302	118	35	9	6
7	8	11	39	60	62	178	194	231	301	105	34	8	7
8	9	11	39	117	62	173	193	263	301	81	36	8	8
9	18	12	39	148	63	173	196	298	304	68	32	8	9
10	25	12	39	94	63	173	187	308	296	64	25	8	10
11	20	12	39	50	59	170	170	305	283	62	22	8	11
12	14	18	41	44	54	157	179	305	286	59	21	8	12
13	12	57	41	44	55	154	180	304	282	53	22	8	13
14	12	69	40	93	54	155	176	301	268	50	23	8	14
15	15	44	43	135	54	161	184	302	257	52	20	8	15
16	13	44	43	129	54	166	207	305	244	50	20	8	16
17	13	44	42	145	54	166	209	303	226	49	17	8	17
18	12	44	38	203	54	165	209	299	207	47	17	8	18
19	12	100	36	214	53	164	207	301	191	44	17	8	19
20	12	123	36	188	53	166	200	253	187	42	16	8	20
21	12	76	35	212	54	165	193	210	187	41	16	8	21
22	12	50	34	201	53	163	185	199	187	38	15	8	22
23	12	42	34	174	52	161	181	207	187	36	15	8	23
24	16	33	34	163	52	159	188	219	186	38	15	12	24
25	21	33	34	152	51	160	190	226	181	44	14	14	25
26	19	30	37	144	48	161	184	236	174	50	11	15	26
27	16	25	39	142	46	159	176	270	168	49	9	15	27
28	15	25	53	114	48	162	164	302	164	37	8	15	28
29	13	25	60	79		185	173	301	162	34	9	15	29
30	8	25	55	68		187	181	301	162	32	9	15	30
31	8		55	68		181		303		37	8		31
MEAN													MEAN
MAX.	25	123	107	214	69	251	209	308	305	166	44	15	MAX.
MIN.	8	10	25	44	46	49	164	186	162	32	8	8	MIN.
AC. FT.	789	2043	2700	6946	3150	10376	11203	16267	14255	4292	1349	597	AC. FT.

Total Acre-Feet 73967

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	15	25	16	16	18	50	140	159	302	163	22	12	1
2	16	18	14	16	18	50	124	161	303	158	20	10	2
3	15	17	13	16	22	57	88	164	304	147	16	8	3
4	15	17	13	16	33	65	75	167	305	145	21	9	4
5	16	16	49	16	35	63	79	177	305	141	18	9	5
6	16	15	64	16	36	61	83	176	304	132	13	9	6
7	13	14	41	22	34	66	120	161	302	137	13	8	7
8	8	15	41	28	34	67	134	158	302	125	13	8	8
9	8	13	32	39	35	67	92	166	304	107	9	8	9
10	8	13	23	40	81	124	73	186	304	88	11	8	10
11	8	13	20	33	170	180	75	203	305	73	15	9	11
12	8	13	20	33	99	121	73	236	304	69	14	10	12
13	8	13	20	28	59	69	72	262	290	67	10	11	13
14	9	14	19	25	59	83	73	285	268	67	9	11	14
15	10	14	19	25	60	90	89	302	272	57	12	10	15
16	10	14	19	25	60	76	120	303	281	50	12	9	16
17	9	14	19	25	54	103	104	303	265	48	11	9	17
18	8	13	19	25	38	96	75	302	231	46	11	9	18
19	8	12	19	25	27	73	71	302	208	42	9	9	19
20	8	12	18	25	34	74	71	305	193	42	8	9	20
21	12	12	16	25	38	75	72	305	182	42	13	9	21
22	16	18	16	25	40	96	84	272	179	40	17	9	22
23	15	22	16	26	40	123	106	229	183	37	13	9	23
24	19	21	16	26	35	137	119	229	184	35	13	9	24
25	19	18	16	26	35	182	140	244	177	33	15	9	25
26	19	16	16	26	39	175	147	276	169	31	17	8	26
27	19	16	16	26	43	193	176	308	168	26	13	8	27
28	12	14	16	25	49	182	158	308	168	31	13	8	28
29	21	15	16	20		167	145	304	168	35	14	8	29
30	32	16	16	18		173	152	301	166	28	13	8	30
31	34		16	18		154		302		24	12		31
MEAN													MEAN
MAX.	34	25	64	40	170	193	176	308	305	163	22	12	MAX.
MIN.	8	12	13	16	18	50	71	158	166	24	8	8	MIN.
AC. FT.	861	918	1337	1498	2628	6530	6208	14987	14670	4495	833	536	AC. FT.

Total Acre-Feet 55501

TABLE A-11

TOTAL FLOW OF KAWEAH RIVER AT MCKAY POINT

Location of gaging station - Southeast quarter of Section 4, Township 18 South, Range 27 East, M.D.B and M., at point of bifurcation of Kaweah River into St. Johns and Kaweah Branches.

Owner of gaging station - Kaweah River and St. Johns River Associations

Description of gaging station - A broad-crested weir consisting of two sections, each 113.6 feet in length, with the same crest elevations, one section crossing the head of each branch; a water stage recorder above the weir on the south bank of the river; a cableway and car about 100 yards upstream; and a controlled by-pass structure at the south end of the Kaweah Branch weir section. The crest of the weir section crossing St. Johns Branch is equipped with flashboards to make possible the diversion of the entire low flow into the Kaweah Branch. An accurate relationship has been established between water levels at the recorder and flows over each of the weir sections. Since 1940 a radio stream gage has been in continuous operation.

Period of record - 1916 to December 23, 1955, and from September 30, 1958 to current year

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		TOTAL FLOW OF KAWEAH RIVER AT MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	11	386	188	308	229	204	32	79	1619	763	185	1
2	0.0	7	474	184	304	230	196	26	36	1643	768	182	2
3	0.0	3	538	187	299	213	195	19	20	1645	763	178	3
4	0.0	0.0	570	206	291	233	195	18	19	1645	792	182	4
5	0.0	0.0	538	182	264	235	111	21	18	1655	796	181	5
6	0.0	3	490	153	213	226	58	9	13	1641	787	180	6
7	0.0	19	297	155	194	224	58	4	39	1585	785	175	7
8	0.0	14	147	150	216	222	67	5	153	1567	670	171	8
9	0.0	8	159	144	248	225	53	35	259	1572	590	169	9
10	0.0	1	176	145	246	234	32	35	285	1570	538	157	10
11	0.0	10	204	150	244	249	18	24	305	1600	589	134	11
12	0.0	8	238	180	248	260	8	22	354	1516	569	125	12
13	0.0	25	245	225	280	296	11	25	392	1426	542	123	13
14	0.0	30	234	267	312	288	32	49	439	1456	543	48	14
15	0.0	23	173	284	312	281	46	115	506	1490	542	13	15
16	0.0	51	144	288	359	280	44	109	536	1524	545	12	16
17	0.0	81	243	288	406	294	50	111	724	1551	531	6	17
18	0.0	87	287	389	405	302	59	103	892	1552	525	14	18
19	0.0	79	263	545	345	301	58	99	899	1104	506	13	19
20	0.0	59	256	595	300	294	45	102	896	865	453	12	20
21	2	32	285	577	296	288	39	111	897	867	396	12	21
22	6	30	340	496	295	306	41	119	918	870	355	13	22
23	7	29	275	374	302	269	40	128	987	867	317	12	23
24	10	34	211	341	280	267	52	117	1007	861	284	13	24
25	13	39	187	291	258	282	47	116	1045	858	302	11	25
26	14	55	185	283	252	306	37	120	1086	808	307	13	26
27	19	51	196	296	229	320	34	114	1095	753	282	12	27
28	11	80	221	302	218	319	36	91	1367	748	264	10	28
29	23	109	231	311		255	32	78	1576	748	243	10	29
30	18	245	237	309		197	32	73	1579	751	213	9	30
31	13		211	308		204		74		749	194		31
MEAN													MEAN
MAX.	23	245	570	595	406	320	204	128	1579	1655	796	185	MAX.
MIN.	0.0	0.0	144	144	194	197	8	4	13	748	194	6	MIN.
AC. FT.	270	2426	17139	17441	15717	16124	3828	4173	36538	77567	31347	4711	AC. FT.

Total Acre-Feet 227281

TABLE A-II (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		TOTAL FLOW OF KAWEAH RIVER AT McKay POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9	18	15	199	152	279	33	72	160	651	240	3	1
2	8	19	13	199	143	273	34	50	154	643	235	0.0	2
3	8	26	14	197	109	271	31	22	141	643	233	0.0	3
4	5	31	14	193	95	268	34	27	139	645	233	8	4
5	15	29	13	181	101	270	33	29	342	654	237	8	5
6	15	28	13	154	112	329	33	25	557	657	241	3	6
7	15	30	13	153	115	379	28	26	553	633	246	3	7
8	14	24	13	153	101	398	24	26	537	580	239	10	8
9	14	32	18	147	83	405	23	27	599	472	238	11	9
10	14	33	46	147	76	405	31	32	665	423	229	11	10
11	14	21	177	145	90	405	41	41	662	415	123	11	11
12	14	17	177	145	127	400	35	37	666	449	73	11	12
13	15	13	190	145	132	400	32	41	677	441	72	12	13
14	14	13	202	154	150	401	32	44	681	410	50	10	14
15	15	14	198	160	173	391	27	84	689	375	34	10	15
16	15	18	200	157	176	376	24	157	705	374	32	9	16
17	15	13	191	174	172	377	33	166	753	374	33	10	17
18	16	7	168	186	179	370	41	169	786	393	34	8	18
19	14	5	156	176	187	361	28	172	820	399	35	7	19
20	10	10	145	174	187	370	26	159	829	408	35	6	20
21	13	9	135	175	183	314	30	139	833	412	36	6	21
22	17	9	142	179	184	267	26	139	809	411	36	5	22
23	16	12	231	176	195	180	23	135	752	413	39	4	23
24	16	12	445	172	209	122	30	135	728	419	37	5	24
25	16	12	532	169	234	72	45	135	726	429	32	3	25
26	15	13	541	147	237	48	77	137	727	435	29	3	26
27	16	13	959	149	237	35	82	126	737	345	30	2	27
28	17	12	1325	151	238	25	77	130	773	279	26	1	28
29	23	13	562	151	257	30	72	141	787	253	11	1	29
30	28	13	141	151		34	71	148	711	233	7	1	30
31	25		168	151		33		156		235	6		31
MEAN													MEAN
MAX.	28	33	1325	199	257	405	82	172	833	657	246	12	MAX.
MIN.	5	5	13	145	76	25	23	22	139	233	6	0	MIN.
AC. FT.	914	1029	14200	10136	9191	16439	2293	5806	37091	27576	6310	361	AC. FT.

Total Acre-Feet 131345

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		TOTAL FLOW OF KAWEAH RIVER AT McKay POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		8	138	180	294	591	644	1009	2575	1424	1907	146	1
2		7	136	147	279	726	558	986	2647	1493	1825	147	2
3	0	10	136	118	259	681	540	943	2716	1484	1570	147	3
4	8	10	152	118	253	716	587	929	2710	1458	1417	146	4
5	12	14	245	117	259	695	625	933	2737	1476	1404	146	5
6	14	15	313	116	261	704	666	982	2693	1431	1410	146	6
7	14	14	234	116	309	767	690	1015	2619	1411	1389	150	7
8	13	13	181	117	437	749	688	999	2645	1411	1383	150	8
9	14	12	182	159	445	749	720	1063	2682	1498	1383	150	9
10	13	9	179	212	321	743	739	1081	2715	1550	1323	146	10
11	13	13	149	268	502	774	749	1020	2601	1537	1248	140	11
12	6	13	97	305	601	702	711	1007	2534	1582	1240	138	12
13	9	12	75	303	913	666	715	1006	2521	1617	1209	131	13
14	9	14	108	301	1106	692	730	996	2418	1614	1134	127	14
15	11	75	121	297	1173	727	735	1171	2168	1634	1043	124	15
16	11	484	100	310	1094	791	715	1370	1735	1662	1017	122	16
17	12	485	101	765	1034	821	661	1424	1525	1697	1017	122	17
18	11	453	143	1168	1030	824	655	1418	1511	1705	1010	118	18
19	9	398	178	1261	1037	832	663	1429	1578	1692	1024	118	19
20	6	206	198	1286	1053	802	659	1440	1757	1681	1007	118	20
21	5	122	242	1286	868	648	669	1431	1838	1680	1001	120	21
22	4	173	250	1405	722	434	674	1415	1780	1644	912	69	22
23	4	196	233	1415	553	385	650	1426	1626	1593	445	16	23
24	4	194	232	1388	393	455	640	1439	1526	1761	212	15	24
25	4	192	230	1252	357	527	655	1591	1428	1716	177	13	25
26	12	192	174	1090	353	527	690	1855	1398	1925	175	14	26
27	12	180	119	1003	366	566	715	1975	1447	1952	158	14	27
28	13	173	122	982	546	666	719	2007	1471	1952	139	13	28
29	12	172	151	442		661	716	2278	1402	1947	149	13	29
30	11	158	181	289		637	885	2399	1331	1960	154	12	30
31	8		180	291		637		2436		1943	150		31
MEAN													MEAN
MAX.	14	485	313	1415	1173	832	885	2436	2737	1960	1907	150	MAX.
MIN.	0	7	75	116	253	385	540	929	1331	1411	139	12	MIN.
AC. FT.	543	7967	10473	36709	33359	41446	40588	84245	123640	101417	58775	6012	AC. FT.

Total Acre-Feet 545174

TABLE A-II (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		TOTAL FLOW OF KAWEAH AT McKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7	6	196	220	368	275	589	87	2025	1568	1207	326	1
2	6	6	220	231	364	311	727	67	2020	1849	1121	316	2
3	7	6	239	230	362	326	526	56	1932	1828	1063	355	3
4	8	5	269	236	364	282	403	57	1904	1793	1053	400	4
5	8	6	277	242	310	487	183	61	1921	1789	1056	404	5
6	8	5	286	248	272	751	161	77	2083	1807	1105	343	6
7	7	5	294	494	270	748	154	91	2424	1811	1134	267	7
8	9	6	307	721	282	726	143	87	2428	1843	1096	92	8
9	7	6	303	616	294	717	140	90	2294	1860	994	27	9
10	3	6	300	628	294	761	124	107	2211	1838	796	33	10
11	10	6	300	528	314	634	78	115	2101	1836	734	27	11
12	8	34	256	454	328	555	74	116	2007	1853	721	26	12
13	7	136	215	472	310	558	69	342	1908	1860	745	24	13
14	6	238	219	547	296	559	67	612	1684	1877	765	27	14
15	6	261	208	575	294	625	63	624	1573	1867	728	27	15
16	5	259	208	440	293	670	58	712	1592	1862	550	28	16
17	5	259	208	489	299	680	62	966	1579	1881	408	18	17
18	5	300	208	613	305	677	67	1116	1525	1885	307	9	18
19	4	415	211	629	321	662	71	1116	1412	1883	224	9	19
20	5	747	190	699	322	647	83	1138	1320	1912	281	8	20
21	6	736	158	896	305	625	89	1151	1316	1978	383	8	21
22	5	729	147	989	284	609	98	1154	1321	1987	323	8	22
23	6	725	153	1070	279	610	96	1154	1323	1968	236	8	23
24	6	725	155	919	279	610	89	1066	1330	1972	153	7	24
25	4	710	174	802	266	597	88	1013	1320	1835	103	6	25
26	6	352	184	708	259	589	93	1024	1298	1698	68	5	26
27	7	138	212	663	275	592	104	1069	1294	1541	52	5	27
28	7	143	212	662	280	601	110	1455	1315	1472	50	4	28
29	8	157	218	518	392	616	102	1985	1311	1247	50	4	29
30	7	182	224	392	577	577	97	1965	1302	1163	172	4	30
31	7		223	376	599	599		1929		1199	329		31
MEAN													MEAN
MAX.	10	747	307	1070	368	761	727	1985	2428	1987	1207	404	MAX.
MIN.	3	5	147	220	259	275	58	56	1294	1163	50	4	MIN.
AC. FT.	397	14497	13833	34328	16838	36251	9536	44831	101303	108621	35717	5603	AC. FT.

Total Acre-Feet 421755

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		TOTAL FLOW KAWEAH RIVER AT McKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4	13	13	70	145	272	23	112	1039	1105	1532	173	1
2	5	15	14	69	150	272	23	98	1424	1162	1422	179	2
3	4	14	21	70	157	316	20	95	1714	1132	1367	179	3
4	8	13	147	70	158	353	16	93	1749	1155	1356	145	4
5	10	13	316	71	162	351	28	96	1803	1176	1353	54	5
6	11	13	237	78	158	360	50	87	1962	1218	1321	43	6
7	12	9	130	96	165	368	43	87	2001	1233	1290	43	7
8	14	12	130	143	165	407	34	88	1952	1267	1260	37	8
9	14	13	132	179	182	419	28	91	1719	1314	1225	36	9
10	14	14	143	175	378	407	26	92	1650	1307	1214	30	10
11	13	14	133	181	539	366	25	92	1976	1453	1185	22	11
12	13	14	117	179	680	310	25	135	1970	1575	1175	11	12
13	13	14	103	180	729	275	23	180	1726	1568	1171	11	13
14	14	14	95	181	833	250	28	287	1482	1556	1164	11	14
15	13	14	95	173	853	219	43	380	1380	1679	1096	16	15
16	12	14	99	161	833	244	42	389	1499	1814	935	15	16
17	12	13	107	157	520	248	41	395	1591	1801	847	17	17
18	13	14	111	161	247	212	44	389	1550	1770	820	17	18
19	14	16	118	161	155	189	26	413	1371	1744	788	11	19
20	15	17	118	162	192	192	27	450	1270	1785	777	10	20
21	14	17	119	161	213	142	81	661	1255	1471	775	11	21
22	13	24	118	161	213	146	179	835	1241	1282	785	11	22
23	5	12	112	161	213	93	202	811	1238	1282	784	9	23
24	7	9	79	161	206	72	214	813	1167	1331	784	10	24
25	4	11	71	161	204	106	231	846	1114	1373	787	11	25
26	5	14	71	161	222	58	218	837	1080	1373	782	9	26
27	9	14	84	155	239	30	199	823	1049	1361	782	10	27
28	14	13	110	151	260	31	204	937	1040	1397	779	11	28
29	21	15	112	151		28	174	1019	1052	1432	529	12	29
30	14	13	105	135		38	132	1034	1042	1461	179	10	30
31	14		73	137		41		1039		1515	175		31
MEAN													MEAN
MAX.	21	24	316	181	853	419	231	1039	2001	1814	1532	179	MAX.
MIN.	4	9	13	69	145	28	16	87	1039	1105	175	9	MIN.
AC. FT.	690	823	6809	8751	18191	13518	4857	27181	87484	87456	60376	2308	AC. FT.

Total Acre-Feet 318444

TABLE A-12

LOWER KAWEAH RIVER BELOW
MCKAY POINT

Location of gaging station - Southeast quarter of Section 4, Township 18 South, Range 27 East, M.D.B. and M., at point of bifurcation of Kaweah River into St. Johns and Kaweah Branches.

Owner of gaging station - Kaweah River and St. Johns River Associations

Description of gaging station - A broad-crested weir consisting of two sections, each 113.6 feet in length, with the same crest elevations, one section crossing the head of each branch; a water stage recorder above the weir on the south bank of the river; a cableway and car about 100 yards upstream; and a controlled by-pass structure at the south end of the Kaweah Branch weir section. The crest of the weir section crossing St. Johns Branch is equipped with flashboards to make possible the diversion of the entire low flow into the Kaweah Branch. An accurate relationship has been established between water levels at the recorder and flows over each of the weir sections. Since 1940 a radio stream gage has been in continuous operation.

Period of record - 1916 to December 23, 1955, and from September 30, 1958 to current year.

In fall of 1964, a Trenton-type artificial control was constructed downstream on each branch of the Kaweah River below the bifurcation, and a water stage recorder was installed for obtaining continuous flow records.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		LOWER KAWEAH RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	11	366	89	150	104	134	13	62	896	561	167	1
2	0.0	7	452	87	152	106	127	10	21	905	568	165	2
3	0.0	3	473	88	150	98	125	6	6	915	547	163	3
4	0.0	0.0	421	97	130	102	125	6	6	915	561	169	4
5	0.0	0.0	380	85	119	108	59	8	5	925	565	171	5
6	0.0	3	372	71	98	102	26	4	3	935	558	173	6
7	0.0	19	195	71	82	100	26	1	16	896	554	169	7
8	0.0	14	73	68	98	98	28	1	93	878	429	171	8
9	0.0	8	80	68	121	98	21	15	181	896	363	169	9
10	0.0	1	88	66	119	104	13	14	197	900	350	157	10
11	0.0	10	104	68	119	113	5	11	208	930	347	134	11
12	0.0	4	123	83	121	121	3	9	221	955	324	125	12
13	0.0	5	127	108	138	138	4	11	217	965	300	123	13
14	0.0	6	121	130	156	136	15	34	217	995	303	48	14
15	0.0	4	87	140	156	132	26	102	230	1016	306	13	15
16	0.0	23	71	143	182	140	21	96	234	1038	309	12	16
17	0.0	54	125	143	206	157	22	98	336	1049	297	6	17
18	0.0	57	150	200	206	164	25	92	445	1038	294	14	18
19	0.0	52	136	285	166	164	24	88	460	734	288	13	19
20	0.0	43	132	308	143	159	19	92	463	589	266	12	20
21	2	26	136	297	140	154	17	98	466	586	256	12	21
22	6	24	136	246	140	171	19	106	493	589	256	13	22
23	7	23	119	185	145	182	18	115	540	600	232	12	23
24	10	27	100	168	132	180	24	106	540	603	226	13	24
25	13	31	88	140	121	190	21	102	543	600	244	11	25
26	14	40	88	136	115	209	15	106	540	561	248	13	26
27	19	38	92	140	102	220	14	102	540	526	242	12	27
28	11	52	106	145	94	220	13	79	745	526	242	10	28
29	23	66	111	152	176	130	13	64	900	526	221	10	29
30	18	206	115	150	130	130		60	896	533	190	9	30
31	13		100	150	134	134		61		540	173		31
MEAN	23	206	473	308	206	220	134	115	900	1049	568	173	MEAN
MAX.	0.0	0.0	71	65	82	98	3	1	3	526	173	6	MAX.
AC. FT.	279	1700	10447	8537	7539	8747	2915	3392	19486	48715	21065	4540	AC. FT.

Total Acre-Feet 136453

TABLE A-12 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		LOWER KAWEAH RIVER BELOW McKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9	18	15	110	82	167	15	58	143	374	214	2	1
2	8	19	13	110	75	171	16	40	138	366	210	0	2
3	8	26	14	108	44	192	15	17	127	369	201	0	3
4	5	31	14	110	22	201	18	21	125	374	201	6	4
5	15	20	13	103	22	201	17	21	192	383	204	6	5
6	15	28	13	29	24	214	17	15	234	383	203	1	6
7	15	30	13	83	25	225	15	16	230	369	212	1	7
8	14	24	15	83	21	248	14	15	232	330	206	5	8
9	14	32	18	84	15	260	13	14	294	307	201	6	9
10	14	33	43	84	14	260	17	16	347	309	183	6	10
11	14	21	160	82	22	260	25	20	352	304	82	6	11
12	14	17	160	92	44	355	21	16	368	317	34	5	12
13	15	13	171	82	44	265	18	19	372	309	33	6	13
14	14	13	167	86	62	255	17	22	383	336	25	5	14
15	15	14	157	80	86	241	14	61	391	355	16	5	15
16	15	18	159	37	89	223	13	138	412	352	15	4	16
17	15	13	155	96	86	223	16	143	415	347	15	5	17
18	16	7	149	103	91	219	22	150	409	363	16	5	18
19	14	5	147	96	95	210	14	150	403	369	16	4	19
20	10	10	137	96	94	216	13	143	397	377	16	3	20
21	13	9	123	96	91	154	14	132	421	380	16	3	21
22	17	9	135	98	91	107	13	132	454	380	16	3	22
23	16	12	161	96	96	107	12	129	454	383	17	2	23
24	16	12	203	93	110	103	14	129	454	388	16	2	24
25	16	12	208	82	135	46	25	129	457	397	15	3	25
26	15	13	212	82	142	21	58	132	460	403	14	3	26
27	16	13	369	84	142	18	66	121	468	314	15	2	27
28	17	12	505	86	142	13	62	119	437	248	14	1	28
29	23	13	238	86	149	14	58	123	496	226	6	1	29
30	28	13	86	86		15	57	132	427	208	3	1	30
31	25		103	86		15		140		210	4		31
MEAN													MEAN
MAX.	28	33	505	110	149	260	66	150	496	403	214	6	MAX.
MIN.	5	5	13	82	14	13	12	14	125	208	3	0	MIN.
AC. FT.	914	1029	8130	5649	4274	10134	1406	4994	20002	20886	4858	202	AC. FT.

Total Acre-Feet 83378

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		LOWER KAWEAH RIVER BELOW McKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	8	84	85	147	428	308	377	1193	772	1031	121	1
2	0	7	82	69	139	353	283	384	1170	740	955	122	2
3	0	10	82	56	128	336	278	390	1179	740	963	122	3
4	8	10	91	55	125	353	303	396	1193	723	954	122	4
5	12	14	117	54	128	347	303	396	1220	745	954	122	5
6	14	15	139	54	128	349	313	399	1251	723	972	122	6
7	14	14	106	54	154	384	325	406	1247	715	963	125	7
8	13	13	84	53	217	371	328	409	1238	715	963	125	8
9	14	12	84	70	217	371	347	526	1265	790	963	125	9
10	13	9	84	98	154	368	359	637	1278	882	945	122	10
11	13	13	71	128	251	384	374	615	1269	909	932	124	11
12	6	13	46	147	296	347	377	607	1287	950	927	130	12
13	9	12	37	147	458	325	390	603	1274	981	923	125	13
14	9	14	50	145	549	342	396	598	1206	954	918	121	14
15	11	35	57	144	590	322	399	758	1134	954	927	118	15
16	11	175	46	150	561	325	384	882	932	986	954	116	16
17	12	205	47	365	530	333	336	878	781	1013	959	116	17
18	11	196	66	581	526	336	330	865	785	1017	959	112	18
19	9	172	81	581	530	347	345	865	861	1004	972	112	19
20	6	90	88	569	526	342	339	865	1031	981	959	112	20
21	5	58	106	569	445	295	342	852	1125	972	932	114	21
22	4	88	113	620	359	226	347	817	1080	936	817	65	22
23	4	115	107	590	273	204	330	873	918	945	353	16	23
24	4	113	106	549	193	231	322	896	826	1017	132	15	24
25	4	111	106	499	174	258	328	927	838	1076	102	13	25
26	12	111	83	454	170	258	342	927	878	1058	100	14	26
27	12	105	52	428	176	278	350	936	914	1053	111	14	27
28	13	104	53	418	342	330	359	963	918	1062	111	13	28
29	12	103	68	240		325	368	1076	856	1076	119	13	29
30	11	95	86	145		306	371	1152	794	1080	122	12	30
31	8		85	145		306		1179		1067	121		31
MEAN													MEAN
MAX.	14	205	139	620	590	428	399	1179	1287	1080	1031	120	MAX.
MIN.	0	7	37	53	125	204	278	377	781	715	100	12	MIN.
AC. FT.	543	4046	4973	16388	16832	19994	20382	44597	63355	56800	42950	5361	AC. FT.

Total Acre-Feet 297221

TABLE A-12 (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		LOWER KAWEAH RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7	6	'94	105	172	126	310	27	965	725	882	308	1
2	6	6	106	110	170	140	335	17	965	864	802	300	2
3	7	6	116	110	170	149	233	11	947	864	738	340	3
4	8	5	132	112	170	129	161	12	991	860	742	381	4
5	8	6	136	115	143	235	37	16	1023	851	750	381	5
6	8	5	140	118	126	364	29	25	1087	864	746	320	6
7	7	5	143	235	124	375	25	32	1140	878	733	252	7
8	9	6	151	340	131	372	20	30	1072	910	690	83	8
9	7	6	149	291	140	369	16	40	1040	942	604	11	9
10	3	6	147	303	140	366	26	60	1035	956	487	8	10
11	10	6	147	257	149	328	19	64	1035	974	484	8	11
12	8	4	124	221	153	310	17	64	1000	991	497	8	12
13	7	2	103	230	149	308	14	191	906	952	531	8	13
14	6	0	105	295	145	293	11	355	776	919	558	8	14
15	6	0	100	328	145	330	11	372	725	924	521	8	15
16	5	0	100	228	149	364	9	412	759	919	350	10	16
17	5	0	100	239	155	369	10	579	759	928	212	9	17
18	5	5	100	310	159	366	11	695	733	937	128	9	18
19	4	39	103	315	174	369	11	695	657	919	57	9	19
20	5	204	92	345	176	381	21	695	607	910	100	8	20
21	6	199	74	412	168	387	25	690	607	906	197	8	21
22	5	195	68	422	157	395	29	690	579	915	208	8	22
23	6	191	71	458	153	401	29	690	555	924	181	8	23
24	6	191	71	389	153	401	24	682	579	928	106	7	24
25	4	187	90	318	134	392	24	670	611	882	61	6	25
26	6	124	86	293	122	389	26	670	619	816	45	5	26
27	7	66	100	298	129	392	31	682	611	807	34	5	27
28	7	68	100	300	131	401	34	776	619	829	35	4	28
29	8	71	103	237	422	422	32	851	623	820	35	4	29
30	7	87	106	185	404	404	31	837	623	820	157	4	30
31	7		106	176	416	416		901		851	310		31
MEAN													MEAN
MAX.	10	204	151	458	176	442	335	901	1140	991	882	281	MAX.
MIN.	3	0	68	105	122	126	9	11	555	725	34	4	MIN.
AC. FT.	397	3364	6671	16056	8305	20714	3195	24855	48096	54715	23764	5014	AC. FT.

Total Acre-Feet 215146

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		LOWER KAWEAH RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4	13	13	47	113	136	8	68	593	667	928	154	1
2	5	15	14	46	113	136	8	66	789	689	808	160	2
3	4	14	11	47	122	159	7	64	953	689	749	160	3
4	8	13	78	47	122	180	5	63	1006	695	749	125	4
5	10	13	166	47	126	178	8	64	1038	689	746	46	5
6	11	13	126	50	122	183	12	60	1150	695	749	39	6
7	12	9	71	57	126	187	10	61	1086	695	755	39	7
8	14	12	71	84	126	204	8	61	965	695	749	37	8
9	14	13	71	103	136	212	8	63	763	700	749	36	9
10	14	14	76	100	178	204	11	63	681	700	756	30	10
11	13	14	70	103	199	183	10	63	846	714	739	22	11
12	13	14	63	103	295	174	10	90	890	714	732	11	12
13	13	14	57	103	300	178	9	119	865	707	728	11	13
14	14	14	54	103	310	170	11	174	903	695	721	11	14
15	13	14	54	106	300	155	23	226	965	818	656	16	15
16	12	14	55	100	291	168	22	230	1070	953	560	15	16
17	12	13	59	90	286	187	21	230	1062	940	535	17	17
18	13	14	61	94	174	174	24	226	915	940	520	17	18
19	14	16	64	94	87	159	12	248	872	928	486	11	19
20	15	17	64	97	103	162	12	271	846	928	475	10	20
21	14	17	65	97	116	110	20	378	831	808	470	11	21
22	13	24	64	97	116	74	55	477	823	735	470	11	22
23	5	12	58	97	116	63	61	458	814	735	472	9	23
24	7	9	44	97	110	40	64	458	749	799	472	10	24
25	4	11	42	97	108	33	68	471	700	856	472	11	25
26	5	14	42	97	116	20	64	464	673	865	470	9	26
27	9	14	50	94	122	8	61	455	640	856	472	10	27
28	14	13	59	90	129	11	63	544	628	856	472	11	28
29	21	15	59	100		10	71	607	640	846	390	12	29
30	14	13	55	106		17	68	607	635	878	160	10	30
31	14		47	106		20		604		922	156		31
MEAN													MEAN
MAX.	21	24	166	106	310	212	71	607	1150	953	928	160	MAX.
MIN.	4	9	11	46	87	8	5	60	593	667	156	9	MIN.
AC. FT.	690	823	3735	5353	9049	7726	1654	15933	50363	48411	36429	2124	AC. FT.

Total Acre-Feet 182290

TABLE A-13

ST. JOHNS RIVER BELOW MCKAY POINT

Location of gaging station - Southeast quarter of Section 4, Township 18 South, Range 27 East,
M.D.B. and M., at point of bifurcation of Kaweah River into St. Johns and Kaweah Branches.

Owner of gaging station - Kaweah River and St. Johns River Associations

Description of gaging station - A broad-crested weir consisting of two sections, each 113.6 feet in length, with the same crest elevations, one section crossing the head of each branch; a water stage recorder above the weir on the south bank of the river; a cableway and car about 100 yards upstream; and a controlled by-pass structure at the south end of the Kaweah Branch weir section. The crest of the weir section crossing St. Johns Branch is equipped with flashboards to make possible the diversion of the entire low flow into the Kaweah Branch. An accurate relationship has been established between water levels at the recorder and flows over each of the weir sections. Since 1940 a radio stream gage has been in continuous operation.

Period of record - 1916 to current year

In fall of 1964, a Trenton-type artificial control was constructed downstream on each branch of the Kaweah River below the bifurcation, and a water stage recorder was installed for obtaining continuous flow records.

WATER YEAR	STATION NO.	STATION NAME
1971		ST. JOHNS RIVER BELOW MCKAY POINT

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0	20	99	158	125	70	19	17	723	202	18	1
2		0.0	22	97	152	124	69	16	15	738	200	17	2
3		0.0	65	99	149	115	70	13	14	730	216	15	3
4		0.0	149	109	161	131	70	12	13	730	231	13	4
5		0.0	158	97	145	127	52	13	13	730	231	10	5
6		0.0	118	82	115	124	32	5	10	706	229	7	6
7		0.0	102	84	112	124	32	3	23	689	231	6	7
8		0.0	74	82	118	124	39	4	60	689	231	0.0	8
9		0.0	79	79	127	127	32	20	78	676	237	0.0	9
10		0.0	88	79	127	130	19	21	88	670	238	0.0	10
11		0.0	100	82	125	136	13	13	97	670	242	0.0	11
12	N	4	115	97	127	139	5	13	133	561	245	0.0	12
13	O	20	118	117	142	158	7	14	175	461	242	0.0	13
14		24	113	137	156	152	17	15	222	461	240	0.0	14
15		19	86	144	156	149	20	13	276	474	236	0.0	15
16	F	28	73	145	177	140	23	13	302	486	236	0.0	16
17	L	27	118	145	200	137	28	13	388	502	234	0.0	17
18	O	30	137	189	199	138	34	11	447	514	231	0.0	18
19	W	27	127	260	179	137	34	11	439	370	218	0.0	19
20		16	124	287	157	135	26	10	433	276	187	0.0	20
21		6	149	280	156	134	22	13	431	281	140	0.0	21
22		6	204	250	155	135	22	13	425	281	109	0.0	22
23		6	156	189	157	87	22	13	447	267	85	0.0	23
24		7	111	173	148	87	28	11	467	258	58	0.0	24
25		8	99	151	137	92	26	14	502	258	58	0.0	25
26		15	97	147	137	97	22	14	546	247	59	0.0	26
27		13	104	156	127	100	20	12	555	227	40	0.0	27
28		28	115	157	124	99	22	12	622	222	22	0.0	28
29		43	120	159		79	19	14	676	222	22	0.0	29
30		39	122	159		67	19	13	683	218	23	0.0	30
31			111	158		70		13		209	21		31
MEAN													MEAN
MAX.													MAX.
MIN.		43	204	287	200	158	70	21	683	738	245	18	MIN.
AC. FT.		0	20	79	112	67	5	3	10	209	21	0	AC. FT.
		726	6692	8904	8178	7377	1813	781	17052	28852	10282	171	

Total Acre-Fest 90828

TABLE A-13 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		ST. JOHNS RIVER BELOW McKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	89	70	112	18	14	17	277	26	1	1
2			0	89	68	102	18	10	16	277	25	0	2
3			0	89	65	79	16	5	14	274	32	0	3
4			0	83	73	67	16	6	14	271	32	2	4
5			0	78	79	69	16	8	150	271	33	2	5
6			0	65	88	115	16	10	323	274	33	2	6
7			0	65	90	154	13	10	323	264	34	2	7
8			0	65	80	150	10	11	305	250	33	5	8
9			0	63	68	145	10	13	305	165	37	5	9
10			3	63	62	145	14	16	318	114	41	5	10
11			8	63	68	145	16	21	310	111	41	5	11
12	N	N	8	63	83	145	14	21	308	132	39	6	12
13	O	O	19	63	88	145	14	22	305	132	39	6	13
14			35	68	88	146	15	22	298	74	25	5	14
15			41	71	87	150	13	23	298	20	18	5	15
16	F	F	41	70	87	153	11	19	293	22	17	5	16
17	L	L	36	78	86	154	17	18	338	27	18	5	17
18	O	O	19	83	88	151	19	19	377	30	18	3	18
19			9	80	92	151	14	22	417	30	19	3	19
20			8	78	93	154	13	16	432	31	19	3	20
21			7	79	92	160	16	7	406	32	20	3	21
22			7	81	92	160	13	7	355	31	20	3	22
23			70	80	99	73	11	6	298	30	22	2	23
24			242	79	99	19	16	6	274	31	21	3	24
25			324	87	99	26	20	6	269	32	17	0	25
26			329	65	95	27	19	5	269	32	15	0	26
27			590	65	95	17	16	5	269	31	15	0	27
28			820	65	96	12	15	11	286	31	12	0	28
29			324	65	108	16	14	18	291	27	5	0	29
30			55	65		19	14	16	284	25	4	0	30
31			65	65		18		16		25	2		31
MEAN													MEAN
MAX.			590	89	108	160	20	23	432	277	41	6	MAX.
MIN.			0	63	62	12	10	5	14	20	2	0	MIN.
AC. FT.			6070	4487	4917	6305	887	812	16189	6690	1452	159	AC. FT.

Total Acre-Feet 47967

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		ST. JOHNS RIVER BELOW McKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	54	95	147	163	336	632	1382	652	876	25	1
2		0	54	78	140	373	275	602	1477	753	830	25	2
3		0	54	62	131	345	262	553	1537	744	602	25	3
4		0	61	63	128	363	284	533	1517	735	463	24	4
5		0	128	63	131	348	322	537	1517	731	450	24	5
6		0	174	62	133	355	353	583	1442	708	438	24	6
7		0	128	62	155	383	365	609	1372	696	426	25	7
8		0	97	64	220	378	360	590	1407	696	420	25	8
9		0	98	89	228	378	373	537	1417	708	420	25	9
10		0	95	114	167	375	380	444	1437	668	378	24	10
11		0	78	140	251	390	405	405	1332	628	316	16	11
12	N	0	51	158	305	355	334	400	1247	632	313	8	12
13	O	0	38	156	455	341	325	403	1247	636	286	6	13
14		0	58	156	557	350	334	398	1212	660	216	6	14
15		40	64	153	583	405	336	413	1034	680	116	6	15
16	F	309	54	160	533	466	331	488	803	676	63	6	16
17	L	280	54	400	504	488	325	546	744	684	58	6	17
18	O	257	77	587	504	488	325	553	726	688	51	6	18
19		226	97	680	507	485	318	564	726	688	52	6	19
20		116	110	717	527	460	320	575	726	700	48	6	20
21		64	136	717	423	353	327	579	713	708	69	6	21
22		85	137	785	363	280	208	327	700	708	95	4	22
23		81	126	825	280	181	320	320	708	648	92	0	23
24		81	126	839	200	224	318	543	700	744	80		24
25		81	124	753	183	269	327	664	590	640	75		25
26		81	91	636	183	269	348	928	520	867	75		26
27		75	67	575	190	288	365	1039	533	899	47		27
28		69	69	564	204	336	360	1044	553	890	28		28
29		69	83	202		336	348	1202	546	871	30		29
30		63	95	144		331	514	1247	537	880	32		30
31			95	146		331				876	29		31
MEAN													MEAN
MAX.		309	174	839	583	488	514	1257	1537	899	876	25	MAX.
MIN.		0	38	62	128	163	262	398	520	628	28	0	MIN.
AC. FT.		3921	5500	20321	16527	21452	20206	39648	60285	44617	14825	651	AC. FT.

Total Acre-Feet 247953

TABLE A-13 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		ST. JOHNS RIVER BELOW McKay POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	102	115	196	149	279	60	1060	843	325	18	1
2		0	114	121	194	171	392	50	1055	985	319	16	2
3		0	123	120	192	177	293	45	985	964	325	15	3
4		0	137	124	194	153	242	45	913	933	311	19	4
5		0	141	127	167	252	146	45	898	938	306	23	5
6		0	146	130	146	387	132	52	996	943	359	23	6
7		0	151	259	146	373	129	59	1284	933	401	15	7
8		0	156	381	151	354	123	57	1356	933	406	9	8
9		0	154	325	154	348	124	50	1254	918	390	16	9
10		0	153	325	154	395	98	47	1176	882	309	25	10
11		0	153	271	165	306	59	51	1066	862	250	19	11
12	N	30	132	233	175	245	57	52	1007	862	224	18	12
13	O	134	112	242	161	250	55	151	1002	908	214	16	13
14		238	114	252	151	266	56	257	908	958	207	19	14
15		261	108	247	149	295	52	252	848	943	207	19	15
16	F	259	108	212	144	306	49	300	833	943	200	18	16
17	L	259	108	250	144	311	52	387	820	953	196	9	17
18	O	295	108	303	146	311	56	421	792	948	179	0	18
19	W	376	108	314	147	293	60	421	755	964	167	0	19
20		543	98	354	146	266	62	443	713	1002	181	0	20
21		537	84	484	137	238	64	461	709	1072	186	0	21
22		534	79	567	127	214	69	464	742	1072	115	0	22
23		534	82	612	126	209	67	464	768	1044	55	0	23
24		534	84	530	126	209	65	384	751	1044	47	0	24
25		523	84	484	132	205	64	343	709	953	42	0	25
26		228	98	415	137	200	67	354	679	882	23	0	26
27		72	112	365	146	200	73	387	683	734	18	0	27
28		75	112	362	149	200	76	679	696	643	15	0	28
29		86	115	281		194	70	1134	688	427	15	0	29
30		95	118	207		173	66	1128	679	343	15	0	30
31			117	200		183		1028		348	19		31
MEAN													MEAN
MAX.		543	156	612	196	387	392	1134	1356	1072	406	25	MAX.
MIN.		0	79	115	126	149	49	45	679	343	15	0	MIN.
AC. FT.		11133	7162	18272	8533	15537	6341	19976	53207	53906	11953	589	AC. FT.

Total Acre-Feet 206609

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		ST. JOHNS RIVER BELOW McKay POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	23	32	136	15	44	446	438	604	19	1
2			0	23	37	136	15	32	635	473	614	19	2
3			10	23	35	157	13	31	761	443	618	19	3
4			69	23	36	173	11	30	743	460	607	20	4
5			150	24	36	173	20	32	765	487	607	8	5
6			111	28	36	177	38	27	812	523	572	4	6
7			59	39	39	181	33	26	915	538	535	4	7
8			59	59	39	203	26	27	987	572	511	0	8
9			61	76	46	207	20	28	956	614	476	0	9
10			67	75	200	203	15	29	969	607	458	0	10
11			63	78	340	183	15	29	1130	739	446	0	11
12	N		54	76	385	136	15	45	1080	861	443	0	12
13	O		46	77	429	97	14	61	861	861	443	0	13
14			41	78	523	80	17	113	579	861	443	0	14
15			41	67	553	64	20	154	415	861	440	0	15
16	F		44	61	542	76	20	159	429	861	375	0	16
17	L		48	67	234	61	20	165	529	861	312	0	17
18	O		50	67	73	38	20	163	635	830	300	0	18
19	W		54	67	68	30	14	165	499	816	302	0	19
20			54	65	89	30	15	179	424	857	302	0	20
21			54	64	97	32	61	283	424	663	305	0	21
22			54	64	97	72	124	358	418	547	315	0	22
23			54	64	97	30	141	353	424	547	312	0	23
24			35	64	96	32	150	355	418	532	312	0	24
25			29	64	96	73	163	375	414	517	315	0	25
26			29	64	106	38	154	373	407	508	312	0	26
27			34	61	117	22	138	368	409	505	310	0	27
28			51	61	131	20	141	393	412	541	307	0	28
29			53	51		18	103	412	412	586	139	0	29
30			50	29		21	64	427	407	583	19	0	30
31			26	31		21		435		593	19		31
MEAN													MEAN
MAX.			150	78	553	207	163	435	1130	861	618	20	MAX.
MIN.			0	23	32	18	11	26	407	438	19	0	MIN.
AC. FT.			3074	3398	9142	5792	3203	11248	37121	39045	23947	184	AC. FT.

Total Acre-Feet 136154

APPENDIX B

CANAL DIVERSIONS AND CENTRAL
VALLEY PROJECT DELIVERIES

INTRODUCTION

This appendix presents diversion data from the Lower Kaweah River, St. Johns River, and Central Valley Project deliveries to the various canal systems within the service area for the period October 1, 1970 to September 30, 1975. The data consist of mean daily diversions in cfs, maximum and minimum monthly discharge in cfs, monthly acre-feet, and total acre-feet for the year.

Diversions made during the period October 1, 1970 to March 1974 were made under an interim schedule established after completion of Terminus Dam in May 1962, at which time an interim contract between the U. S. Corps of Engineers and downstream interests was initiated for storage in Terminus Reservoir. On March 1, 1974, a new operation agreement was adopted and approved. This agreement is shown as Appendix D of this report.

This report presents only amounts of diversion data and makes no attempt to report any criteria used in determining entitlements or amounts to be diverted.

Data presented in this appendix were furnished in annual report form by the St. Johns River Association and the Kaweah River Association, and published as received except that titles of some ditches or diversion points may vary from that which was published in some of the annual reports from which these data were compiled.

TABLE B-1

HAMILTON DITCH

Point of diversion - Two and one-half miles below McKay Point on south bank of Kaweah Branch in northeast quarter of Section 7, Township 18 South, Range 27 East, M.D.B. and M., prior to 1945. In 1945, a pump was installed 3 miles below McKay Point on south bank of Kaweah Branch in southeast corner of Section 12, Township 18 South, Range 26 East, M.D.B. and M. In 1954, a ditch was constructed with head 1 mile below McKay Point on south bank of Kaweah River in southeast quarter of Section 12, Township 18 South, Range 27 East.

Location of gaging station - Three-fourths of a mile below head of ditch in northwest quarter of Section 18, Township 18 South, Range 27 East, M.D.B. and M., prior to 1945. From 1945 to 1954 occasional measurements of pump were made. Since 1955 station located at head of ditch in southeast quarter of Section 12, Township 18 South, Range 27 East.

Description of gaging station - Rated channel and staff gage

Operating agency - Individual landowners

Gross service area - 340 acres

Period of record - 1920, 1930, inclusive; no record for 1923; 1961 to current year

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.7	2.7		0.0		0.0	5.4	3.5	5.1	9.7	9.4	8.6	1
2	0.7	2.1		0.0		0.0	5.4	3.5	4.8	10.1	9.3	8.7	2
3	0.7	2.5		0.0		0.0	5.4	3.4	4.8	10.0	9.4	8.9	3
4	0.6	1.4		1.1		0.0	5.4	3.3	4.9	10.0	9.4	8.9	4
5	0.5	1.0		3.2		0.0	5.8	3.3	5.2	10.0	9.3	9.0	5
6	0.5	1.0		3.8		0.0	3.1	3.2	5.0	10.0	9.1	9.0	6
7	0.7	2.9		3.7		0.0	3.3	3.5	5.5	9.7	9.1	8.9	7
8	0.8	0.0		3.7		0.0	3.5	4.3	7.7	9.7	9.3	9.6	8
9	0.8	0.0		3.8		3.1	3.3	3.7	7.6	9.7	9.3	9.5	9
10	0.7	0.0		3.8		6.9	2.1	3.6	7.4	9.7	9.2	9.1	10
11	0.5	0.0		3.8		7.8	0.6	1.6	7.5	10.7	9.1	9.0	11
12	0.4	0.0	N	1.2	N	8.0	0.0	1.8	7.6	11.0	9.1	8.7	12
13	0.4	0.0	O	0.0	O	7.8	3.0	1.2	7.6	10.8	9.2	8.7	13
14	1.5	0.0		0.0		7.2	4.8	2.4	7.6	9.8	9.2	8.1	14
15	2.5	0.0		0.0		8.7	3.5	2.8	7.5	9.6	9.2	7.0	15
16	2.3	0.0	F	0.0	F	9.7	3.1	2.3	7.5	10.1	9.1	8.8	16
17	2.9	0.0	L	0.0	L	10.5	3.1	2.0	7.7	10.1	9.2	8.9	17
18	3.0	0.0	O	0.0	O	10.4	3.2	2.8	7.6	9.8	9.1	10.2	18
19	2.6	0.0	W	0.0	W	10.0	3.2	2.7	7.6	9.8	9.0	10.1	19
20	2.5	0.0		0.0		10.2	3.1	2.7	7.6	9.4	9.0	9.6	20
21	2.6	0.0		0.0		10.2	3.0	2.7	7.4	9.1	8.9	9.6	21
22	2.8	0.0		0.0		10.3	3.0	2.7	7.4	9.2	8.8	9.6	22
23	4.0	0.0		0.0		10.0	3.0	2.8	7.4	9.3	8.8	9.5	23
24	4.6	0.0		0.0		8.5	3.0	2.8	7.4	9.1	8.8	9.7	24
25	6.2	0.0		0.0		8.0	3.0	4.5	7.4	8.7	8.9	9.2	25
26	5.8	0.0		0.0		7.6	2.9	5.2	7.3	8.7	9.0	9.6	26
27	5.2	0.0		0.0		7.6	2.9	5.1	7.3	10.1	9.0	9.3	27
28	4.6	0.0		0.0		7.6	3.0	4.9	9.0	10.5	8.9	9.4	28
29	7.6	0.0		0.0		5.7	3.1	4.7	9.7	10.8	8.7	9.8	29
30	6.2	0.0		0.0		5.6	3.3	4.8	9.7	10.3	8.6	8.9	30
31	3.5			0.0		5.4		4.9		9.4	8.6		31
MEAN													MEAN
MAX.	7.6	2.9		3.8		10.5	5.8	5.2	9.7	11.0	9.4	10.2	MAX.
MIN.	0.4	0.0		0.0		0.0	0.0	1.2	4.8	8.7	8.6	7.0	MIN.
AC. FT.	156	27		56		371	199	204	424	605	557	543	AC. FT.

Total Acre-Feet 3142

TABLE B-1 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9.1	10.1	0.0	0.0	5.1	4.7	0.0	9.6	9.6	11.9	9.4	2.2	1
2	8.4	9.3	0.0	0.0	5.2	6.2	0.0	8.8	9.9	12.0	9.1	1.4	2
3	8.9	9.2	0.0	0.5	4.8	8.8	0.8	8.8	9.5	12.1	8.3	1.3	3
4	7.7	9.2	0.0	5.4	4.3	9.0	0.8	6.8	9.3	12.2	8.6	1.1	4
5	10.5	9.1	0.0	5.6	4.2	9.0	0.7	6.8	10.0	12.3	8.5	4.8	5
6	11.0	9.2	0.0	5.6	4.2	9.0	0.0	6.1	10.0	12.3	8.5	3.3	6
7	10.7	3.1	2.6	4.7	4.2	9.1	0.0	6.1	11.5	12.3	8.7	2.5	7
8	11.6	0.0	7.5	4.8	4.2	9.3	0.0	6.1	11.3	12.2	8.7	5.2	8
9	11.0	0.0	4.2	4.8	4.3	9.3	0.0	6.2	11.7	12.0	8.7	5.3	9
10	11.6	3.3	4.3	4.8	4.2	9.8	3.1	6.1	12.3	12.1	8.5	5.6	10
11	10.9	9.2	4.0	4.8	4.5	7.4	6.0	5.4	12.2	12.1	8.4	5.6	11
12	10.0	8.9	3.7	4.8	4.9	9.0	7.0	6.8	12.4	12.1	8.3	3.5	12
13	7.7	9.7	3.6	4.8	4.9	9.1	6.9	7.0	12.3	12.1	8.3	4.7	13
14	9.0	6.4	3.4	4.8	1.6	9.4	6.9	6.6	12.2	12.0	7.7	3.5	14
15	10.3	6.1	3.4	4.8	0.0	9.3	5.7	8.3	12.2	3.0	7.5	2.8	15
16	11.0	3.0	3.4	4.8	0.0	9.3	0.0	8.9	12.3	0.0	8.5	3.5	16
17	11.0	0.0	3.4	4.8	0.0	9.4	3.4	11.3	12.2	0.0	8.6	2.6	17
18	7.7	0.0	3.4	5.0	0.0	9.3	7.2	10.7	1.7	6.8	8.1	3.2	18
19	9.3	0.0	3.4	5.0	0.0	9.2	6.5	10.5	0.0	11.8	8.1	3.0	19
20	11.7	0.0	3.4	5.0	0.0	9.3	5.9	9.9	0.0	11.7	8.1	2.9	20
21	12.0	0.0	3.2	5.0	0.0	7.1	6.1	9.5	8.7	11.5	8.2	3.3	21
22	12.8	0.0	4.1	5.0	0.0	7.0	5.6	10.3	11.3	11.5	8.1	3.8	22
23	15.2	0.0	5.2	5.0	0.0	7.3	5.2	10.6	11.5	11.9	8.3	3.1	23
24	13.5	0.0	5.2	4.9	4.0	7.4	5.7	10.7	11.5	12.2	8.3	3.2	24
25	12.2	0.0	5.1	4.9	6.2	2.5	6.4	11.0	11.5	12.2	8.0	3.3	25
26	9.6	0.0	5.1	5.0	5.2	0.0	6.8	11.3	10.2	12.1	7.7	2.7	26
27	7.0	0.0	2.3	5.0	5.0	1.9	7.0	11.4	12.3	11.0	8.0	1.6	27
28	9.4	0.0	0.0	5.0	4.8	1.6	6.9	11.4	12.3	11.0	8.0	1.1	28
29	9.3	0.0	0.0	5.0	4.8	0.0	6.8	11.5	12.4	11.4	6.5	1.8	29
30	10.0	0.0	0.0	5.0	0.0	0.0	7.2	3.8	12.2	11.5	3.9	0.6	30
31	11.5	0.0	0.0	4.8	0.0	0.0	0.0	5.6	0.0	11.7	2.8	0.6	31
MEAN MAX. MIN. AC. FT.	15.2 7.0 6.38	10.1 0.0 210	7.5 0.0 166	5.6 0.0 276	6.2 0.0 180	9.8 0.0 416	7.2 0.0 247	11.5 3.8 523	12.4 0.0 608	12.3 0.0 657	9.4 2.8 489	5.6 0.6 187	MEAN MAX. MIN. AC. FT.

Total Acre-Feet 4597

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.1		0.0	2.0			0.0	0.0	11.3	12.0	12.7	12.1	1
2	1.4		0.0	3.8			0.0	4.1	11.9	12.0	12.7	11.9	2
3	1.0		0.0	3.5			2.1	6.2	11.6	12.1	12.6	11.9	3
4	3.4		0.0	3.5			2.2	5.3	11.6	12.0	12.5	11.9	4
5	4.5		0.0	3.5			2.2	5.5	11.6	12.0	12.2	11.9	5
6	6.1		0.0	3.5			2.3	5.1	11.8	11.9	12.0	11.9	6
7	6.2		0.0	3.5			2.4	5.1	11.6	12.0	12.1	11.9	7
8	4.3		0.0	3.7			2.4	5.5	11.5	12.0	12.2	11.8	8
9	4.7		0.0	0.0			2.4	5.8	11.4	12.3	12.1	11.8	9
10	4.6		0.0	0.0			2.4	6.0	11.4	12.8	12.0	11.8	10
11	3.6		0.0	0.0			2.4	5.9	11.4	12.8	11.9	11.6	11
12	2.5		0.0	0.0			2.4	5.8	10.4	13.2	11.9	11.6	12
13	3.2		0.0	0.0			2.4	5.8	8.9	11.2	11.9	11.2	13
14	3.0		0.0	0.0			2.4	10.0	8.6	7.3	12.0	11.6	14
15	1.0		0.0	0.0			2.4	9.9	8.7	4.9	12.4	11.7	15
16	0.0		3.1	0.0			2.4	9.5	8.4	8.6	12.6	11.6	16
17	0.0		3.0	0.0			2.4	9.2	8.2	13.1	12.7	11.6	17
18	0.0		3.0	0.0			6.0	8.7	9.0	13.0	13.1	11.6	18
19	0.0		3.2	0.0			7.0	8.4	11.5	12.6	13.0	11.6	19
20	0.0		3.3	0.0			3.0	8.4	12.0	12.5	10.9	11.6	20
21	0.0		3.2	0.0			0.0	9.0	12.1	12.6	10.3	11.6	21
22	0.0		3.2	0.0			0.0	11.4	12.2	12.7	10.0	10.8	22
23	0.0		3.2	0.0			0.0	9.4	12.0	12.9	10.5	9.2	23
24	0.0		2.8	0.0			0.0	7.6	11.8	13.1	9.0	9.7	24
25	0.0		0.7	0.0			0.0	7.7	11.9	13.6	10.1	10.6	25
26	0.0		0.0	0.0			0.0	7.7	11.9	13.8	11.2	11.2	26
27	0.0		0.0	0.0			0.0	7.7	12.0	13.6	11.9	11.2	27
28	0.0		0.0	0.0			0.0	7.7	12.0	13.1	12.0	11.0	28
29	0.0		0.0	0.0			0.0	7.8	12.1	12.9	12.2	10.5	29
30	0.0		0.0	0.0			0.0	8.2	12.2	12.7	12.2	10.3	30
31			0.0	0.0				8.1		12.8	12.1		31
MEAN MAX. MIN. AC. FT.	6.2 0.0 100		3.3 0.0 76	3.8 0.0 54			7.0 0.0 102	11.4 0.0 441	12.2 8.2 661	13.8 4.9 742	13.1 9.0 728	12.1 9.2 676	MEAN MAX. MIN. AC. FT.

Total Acre-Feet 3580

TABLE B-1 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.7	12.3	0.0	2.0			0.0	8.5	10.5	11.3	12.5	7.5	1
2	5.3	11.8	0.0	2.0			0.0	6.5	10.6	11.5	12.4	7.5	2
3	7.3	3.1	0.0	0.0			0.0	6.6	10.5	11.5	12.2	6.0	3
4	7.2	0.0	0.0	0.0			0.0	6.8	10.5	11.5	12.1	6.1	4
5	7.5	0.0	0.0	0.0			0.0	6.8	10.5	11.5	12.1	8.1	5
6	7.5	0.0	0.0	0.0			0.0	6.9	10.9	11.6	12.2	9.0	6
7	7.3	0.0	0.0	0.0			0.0	6.9	11.4	11.6	12.1	8.2	7
8	5.1	1.8	0.0	0.0			0.0	6.9	11.6	11.7	11.8	5.3	8
9	4.7	0.0	0.0	0.0			0.0	7.2	11.5	11.7	11.7	5.3	9
10	4.3	0.0	0.0	0.0			0.0	7.3	11.5	11.7	11.4	5.3	10
11	5.9	0.0	0.0	0.0			0.0	7.3	11.5	11.8	8.3	7.5	11
12	11.5	0.0	0.0	0.0	N	N	0.0	7.3	11.6	3.7	7.8	7.6	12
13	10.5	0.0	0.0	0.0	O	O	0.0	7.4	11.7	0.0	7.6	7.7	13
14	10.6	0.0	0.0	0.0			0.0		11.6	0.0	7.6	7.4	14
15	10.4	0.0	0.0	0.0			0.0	7.7	11.5	6.8	7.6	7.5	15
16	10.2	0.0	0.0	0.0	F	F	2.6	10.8	11.4	12.0	7.5	7.7	16
17	10.6	0.0	0.0	0.0	L	L	4.1	10.8	11.8	12.0	4.2	7.7	17
18	10.4	0.0	0.0	0.0	O	O	4.1	10.5	11.6	12.3	0.0	7.9	18
19	10.2	0.0	0.0	0.0	W	W	4.1	10.9	11.2	12.2	6.0	8.6	19
20	10.8	0.0	0.0	0.0			4.1	11.0	11.1	12.1	8.4	8.1	20
21	11.2	0.0	0.0	0.0			3.8	11.7	11.1	12.1	8.2	7.5	21
22	11.1	0.0	0.0	0.0			3.8	11.1	11.1	12.1	8.2	7.5	22
23	11.4	0.0	2.0	0.0			6.0	10.0	11.1	12.5	8.1	7.8	23
24	11.9	0.0	2.0	0.0			6.1	9.5	11.1	12.6	8.1	7.5	24
25	10.1	0.0	2.0	0.0			6.2	9.4	11.1	12.6	7.9	7.1	25
26	11.3	0.0	2.0	0.0			6.3	9.4	11.1	12.6	7.4	6.6	26
27	12.2	0.0	2.0	0.0			6.7	9.4	11.1	12.6	7.3	6.6	27
28	12.4	0.0	0.0	0.0			7.0	10.3	11.1	12.6	7.3	6.2	28
29	12.5	0.0	0.0	0.0			6.8	10.9	11.1	12.6	7.3	6.2	29
30	12.2	0.0	0.0	0.0			6.2	10.5	11.1	12.5	8.1	6.3	30
31	12.2		0.0	0.0				10.5		12.6	7.7		31
MEAN													MEAN
MAX.	12.3	12.3	2.0	2.0			7.0	11.7	11.8	12.6	12.5	9.0	MAX.
MIN.	4.3	0.0	0.0	0.0			0.0	6.5	10.5	0.0	0.0	5.3	MIN.
AC. FT.	576	58	20	8			155	544	665	666	538	427	AC. FT.

Total Acre-Feet 3657

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.1	4.0	2.0	4.0	4.0	3.4	0.0	10.7	10.7	9.2	8.0	8.2	1
2	6.1	4.1	1.9	4.0	4.0	3.4	0.0	10.7	10.5	8.8	8.0	8.1	2
3	7.1	4.0	1.8	4.0	4.0	3.2	0.0	10.7	9.2	8.6	8.0	8.1	3
4	6.5	4.0	2.6	4.0	4.1	3.2	0.0	10.7	8.2	8.6	7.9	8.0	4
5	2.1	4.0	3.6	4.0	4.0	3.3	0.0	10.9	8.1	8.6	8.1	7.8	5
6	0.0	4.0	3.3	4.0	4.0	3.3	0.0	10.1	8.1	8.6	8.9	7.8	6
7	8.2	3.7	3.1	3.9	4.0	3.4	1.7	10.1	8.1	8.6	8.9	7.6	7
8	9.9	3.4	3.1	4.0	4.0	3.5	3.1	10.2	8.1	8.7	8.9	7.6	8
9	9.0	3.6	3.2	4.0	4.0	3.6	3.2	10.3	8.0	9.1	8.9	7.6	9
10	8.3	3.5	3.2	4.0	2.4	3.6	3.2	10.3	7.9	9.3	9.8	7.7	10
11	8.1	3.5	3.3	4.0	3.3	3.6	3.1	10.3	8.0	9.3	9.5	8.0	11
12	8.0	3.4	3.3	4.0	3.4	3.5	3.0	10.4	8.0	9.3	9.0	7.8	12
13	8.0	3.4	3.2	4.0	3.5	3.5	3.0	10.5	8.1	9.3	8.5	7.1	13
14	6.0	3.2	3.2	4.0	3.8	3.6	3.0	10.7	8.1	9.3	8.5	7.3	14
15	7.9	3.1	3.2	4.0	3.8	3.6	3.3	10.9	8.1	9.3	8.5	7.4	15
16	7.2	3.1	3.2	4.0	3.7	3.6	3.5	6.8	8.1	9.5	8.5	7.2	16
17	7.4	2.8	3.2	4.0	3.7	3.7	3.5	1.3	8.1	9.6	8.5	7.1	17
18	7.4	2.7	3.2	4.0	3.5	4.0	3.5	1.0	8.1	8.8	8.4	5.0	18
19	7.3	2.7	3.1	3.9	3.2	4.0	3.5	6.4	8.1	8.8	8.1	5.0	19
20	7.5	2.7	3.1	4.0	3.1	2.8	3.5	10.5	8.1	8.8	8.0	8.5	20
21	7.8	2.6	3.1	3.9	3.1	0.4	3.6	10.5	8.1	8.8	8.0	8.5	21
22	9.7	2.3	3.1	3.9	3.2	0.0	6.5	10.5	8.1	8.8	8.0	8.5	22
23	7.1	2.1	3.5	3.9	3.1	0.0	7.7	10.6	8.1	8.8	8.0	8.0	23
24	7.2	2.1	4.1	3.9	2.9	0.0	11.0	10.6	8.0	9.1	8.1	8.3	24
25	6.6	2.2	4.0	3.9	2.9	0.0	11.0	10.7	7.8	9.3	8.1	8.6	25
26	6.4	2.3	4.0	3.9	3.1	0.0	10.9	10.5	7.9	9.5	8.7	8.9	26
27	7.4	2.1	4.1	3.5	3.2	0.0	10.7	10.3	7.8	5.7	9.2	9.7	27
28	8.6	2.1	4.2	3.5	3.3	0.0	10.6	10.7	7.7	5.6	9.5	9.8	28
29	9.3	1.9	4.2	4.0		0.0	10.7	10.3	7.7	7.1	9.0	10.4	29
30	4.2	2.0	4.1	4.0		0.0	10.7	11.6	8.3	7.7	8.4	9.9	30
31	4.1		4.0	4.0		0.0		11.7		8.0	8.2		31
MEAN													MEAN
MAX.	9.9	4.1	4.2	4.0	4.1	4.0	11.0	11.7	10.7	9.6	9.8	10.4	MAX.
MIN.	0.0	1.9	1.8	3.5	2.4	0.0	0.0	1.0	7.7	5.6	7.9	7.1	MIN.
AC. FT.	431	180	203	242	195	139	273	598	490	533	524	486	AC. FT.

Total Acre-Feet 4294

TABLE B-2

HANNA RANCH RIPARIAN

Point of diversion - South side Lower Kaweah River, north of east 1/4 corner Section 7, Township 18 South,
Range 27 East, M.D.B. & M.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		HANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	3.3	3.8		0.0	11.6	11.6	10.1	4.7	0.0	10.9	0.0	1
2	2.2	3.3	3.8		0.0	11.6	11.6	10.1	4.7	0.0	10.9	1.9	2
3	2.2	3.3	3.8		0.0	11.6	11.6	10.1	4.7	0.0	10.9	2.4	3
4	0.0	0.0	3.8		0.0	11.6	11.6	10.1	4.7	0.0	10.9	1.9	4
5	0.0	1.1	1.3		0.0	11.6	11.6	7.4	3.5	6.3	10.9	1.9	5
6	0.0	3.3	0.0		0.0	11.6	11.6	4.2	0.0	8.9	10.9	2.4	6
7	0.0	1.6	0.0		0.0	11.6	11.6	4.2	0.0	9.9	10.9	2.4	7
8	0.0	0.0	0.0		0.0	11.6	11.6	4.2	0.0	8.2	10.9	2.4	8
9	0.0	0.0	0.0		0.0	11.6	11.6	4.2	0.0	6.0	10.9	0.0	9
10	0.0	1.7	0.0		0.0	11.6	7.7	5.7	0.0	0.0	10.9	0.0	10
11	0.0	3.3	0.0	N	0.0	11.6	0.0	9.5	0.0	0.0	10.9	0.0	11
12	0.0	3.3	0.0	O	0.0	11.6	8.7	9.5	0.0	0.0	10.9	2.4	12
13	0.0	3.3	0.0		0.0	11.6	4.5	9.5	0.0	0.0	10.9	2.4	13
14	0.0	3.3	0.0		0.0	11.6	5.7	9.5	0.0	0.0	10.9	2.4	14
15	0.0	3.3	0.0		0.0	11.6	10.4	9.5	4.2	0.0	10.9	0.0	15
16	0.0	3.3	0.0	F	0.0	11.6	11.4	9.5	10.8	4.5	10.9	0.0	16
17	0.0	3.3	0.0	L	0.0	11.6	11.6	6.9	10.8	5.0	10.9	0.0	17
18	0.0	3.3	0.0	O	0.0	11.6	11.6	5.1	10.8	5.0	10.9	0.0	18
19	0.0	3.3	0.0	W	0.0	9.9	11.6	5.1	10.8	5.0	10.9	0.0	19
20	0.0	3.3	0.0		0.0	1.2	11.6	5.1	10.8	6.7	10.9	0.0	20
21	0.0	3.3	0.0		0.0	0.0	11.6	7.1	10.8	11.4	10.9	0.0	21
22	0.0	3.3	0.0		0.0	7.7	11.6	9.5	10.8	11.4	10.9	0.0	22
23	2.5	3.3	0.0		0.0	11.6	11.6	9.5	10.8	11.4	7.5	0.0	23
24	3.3	3.3	0.0		0.0	11.6	12.0	7.5	10.8	11.4	1.4	0.0	24
25	3.3	3.3	0.0		0.0	11.6	12.0	7.5	10.8	11.4	0.0	0.0	25
26	3.3	3.8	0.0		5.2	11.6	10.1	7.5	10.8	11.4	7.7	0.0	26
27	1.9	3.8	0.0		11.6	11.6	10.1	7.0	10.8	11.4	10.9	0.0	27
28	0.0	3.8	0.0		11.6	11.6	10.1	6.2	10.8	11.4	10.9	0.0	28
29	0.0	3.8	0.0			11.6	10.1	6.2	5.6	11.4	10.9	0.0	29
30	2.5	3.8	0.0			11.6	10.1	3.2	1.6	11.4	9.6	0.0	30
31	3.3		0.0			11.6		3.5		11.4	2.4		31
MEAN													MEAN
MAX.	3.3	3.8	3.8		11.6	11.6	12.0	10.1	10.8	11.4	10.9	2.4	MAX.
MIN.	0.0	0.0	0.0		0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	MIN.
AC. FT.	49	171	33		56	659	612	445	345	379	597	45	AC. FT.

Total Acre-Feet 3391

TABLE B-2 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		HANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.1				0.0	4.3	6.1	12.3	11.9	11.9	6.2	2.9	1
2	4.1				0.0	4.3	6.1	12.3	11.9	11.9	6.2	2.9	2
3	4.1				0.0	4.3	6.1	12.3	11.9	11.9	6.2	2.9	3
4	4.1				0.0	4.3	6.1	12.3	11.9	11.9	8.8	2.9	4
5	4.1				0.0	4.3	6.1	12.3	11.9	11.9	11.9	2.9	5
6	4.1				0.0	4.3	6.1	12.3	11.9	11.9	11.9	2.9	6
7	4.1				0.0	4.3	6.1	12.3	11.9	11.9	11.9	2.9	7
8	4.1				0.0	4.3	6.1	12.3	11.9	11.9	11.9	2.9	8
9	4.1				0.0	4.3	6.1	12.3	11.9	11.9	11.9	2.9	9
10	4.1				0.0	4.3	3.6	12.3	11.9	11.9	11.9	2.9	10
11	4.1				0.0	4.3	0.0	12.3	11.9	11.9	11.9	2.9	11
12	4.1	N	N	N	0.0	4.3	0.0	12.3	11.9	11.9	6.0	2.9	12
13	4.1	O	O	O	0.0	8.3	3.9	12.3	11.9	8.8	5.7	2.9	13
14	4.1				0.0	10.2	5.9	12.3	11.9	5.7	5.7	2.9	14
15	4.1				0.0	10.2	5.9	12.3	11.9	5.7	2.9	2.9	15
16	4.1	F	F	F	0.0	10.2	5.9	7.7	11.9	8.8	2.9	2.9	16
17	4.1	L	L	L	0.0	10.2	5.9	6.2	11.9	11.9	2.9	2.9	17
18	4.1	O	O	O	0.0	10.2	5.9	6.2	11.9	8.8	2.9	4.4	18
19	4.1	W	W	W	0.0	7.0	5.9	6.2	11.9	5.7	2.9	6.0	19
20	4.1				0.0	5.9	5.9	6.2	7.6	5.7	2.9	6.0	20
21	4.1				0.0	5.9	5.9	6.2	6.2	5.7	2.9	6.0	21
22	4.1				0.0	5.9	5.9	6.2	6.2	0.0	2.9	6.0	22
23	4.1				0.0	5.9	5.9	6.2	6.2	0.0	2.9	6.0	23
24	4.1				0.0	5.9	7.1	6.2	6.2	6.0	2.9	6.0	24
25	4.1				3.2	8.1	7.1	6.2	6.2	11.9	2.9	6.0	25
26	3.9				4.3	12.0	11.4	6.2	10.5	11.9	2.9	3.1	26
27	0.0				4.3	12.0	13.1	10.5	11.9	11.9	2.9	3.1	27
28	0.0				4.3	12.0	13.1	11.9	11.9	11.9	6.0	3.1	28
29	1.2				4.3	12.0	13.1	11.9	11.9	11.9	6.0	3.1	29
30	4.1					12.0	13.1	11.9	11.9	8.8	6.0	3.1	30
31	4.1					12.0		11.9		6.2	6.0		31
MEAN	115.8												MEAN
MAX.	4.1				4.3	12.0	13.1	12.3	11.9	11.9	11.9	6.0	MAX.
MIN.	0.0				0.0	4.3	0.0	6.2	6.2	0.0	2.9	2.9	MIN.
AC. FT.	230				40	451	396	619	640	575	376	221	AC. FT.

Total Acre-Feet 3548

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		HANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	3.1	0.0	Diversion by means of electric pumps.		0.0	12.6	5.8	13.0	12.2	13.0	0.0	6.8	1
2	1.0	0.0			0.0	12.6	5.8	13.0	12.2	13.0	0.0	6.8	2
3	0.0	0.0			0.0	12.6	5.8	8.2	12.2	13.0	0.0	6.8	3
4	0.0	0.0			0.0	12.6	10.9	5.8	12.2	9.8	5.1	6.8	4
5	0.0	2.1			0.0	12.6	10.7	3.9	12.2	6.6	6.8	6.8	5
6	0.0	2.2			0.0	10.7	6.8	0.0	12.2	6.6	6.8	7.3	6
7	0.0	0.0			0.0	6.8	1.7	0.0	12.2	6.6	6.8	7.8	7
8	0.0	0.0			0.0	6.8	7.8	0.0	9.2	11.4	6.8	7.8	8
9	0.0	0.0			0.0	6.8	12.6	0.0	5.0	13.0	4.0	7.8	9
10	0.0	0.0			0.0	8.7	9.2	0.0	5.0	8.2	0.0	7.8	10
11	0.0	0.0			0.0	12.6	5.8	0.0	6.6	6.6	0.0	7.8	11
12	0.0	0.0			0.0	12.6	5.8	0.0	7.2	11.4	0.0	7.8	12
13	0.0	0.0	N	N	0.0	8.9	5.8	2.9	7.2	8.1	0.0	7.8	13
14	0.0	0.0			0.0	0.0	7.3	5.8	5.4	6.4	0.0	7.8	14
15	0.0	0.0			0.0	0.0	9.0	5.8	0.0	6.4	0.0	7.8	15
16	0.0	0.0			0.0	0.0	6.8	5.8	0.0	4.8	0.0	7.8	16
17	0.0	0.0	F	F	0.0	0.0	11.2	5.8	0.0	0.0	0.0	7.8	17
18	0.0	0.0	L	L	0.0	0.0	12.6	5.8	2.2	0.0	4.8	7.8	18
19	0.0	0.0	O	O	0.0	0.0	12.6	5.8	6.6	0.0	6.4	7.8	19
20	0.0	0.0	W	W	0.0	0.0	7.5	5.8	6.6	3.2	3.2	7.8	20
21	0.0	0.0			0.0	0.0	5.8	5.8	6.6	6.4	0.0	7.8	21
22	0.0	0.0			0.0	0.0	10.9	5.8	6.6	6.4	0.0	7.8	22
23	0.0	0.0			0.0	0.0	12.6	10.6	6.6	7.0	0.0	7.8	23
24	0.0	0.0			0.0	0.0	12.6	6.4	6.6	6.6	0.0	7.8	24
25	0.0	0.0			0.0	4.4	12.6	0.0	11.4	6.6	0.0	7.8	25
26	0.0	0.0			4.4	5.8	12.6	7.4	13.8	8.7	0.0	7.8	26
27	0.0	0.0			10.9	5.8	12.6	12.2	13.8	13.0	3.7	7.8	27
28	0.0	0.0			12.6	3.9	12.6	12.2	13.8	8.9	11.0	7.8	28
29	0.0	0.0				4.4	12.6	12.2	13.8	6.6	13.2	7.8	29
30	0.0	0.0				5.8	12.6	12.2	13.8	6.6	13.2	7.8	30
31	0.0					5.8		12.2		6.6	13.2		31
MEAN													MEAN
MAX.	3.1	2.2			12.6	12.6	12.6	13.0	13.8	13.0	13.2	7.8	MAX.
MIN.	0.0	0.0			0.0	0.0	1.7	0.0	0.0	0.0	0.0	6.8	MIN.
AC. FT.	8	9			55	343	550	366	502	459	208	453	AC. FT.

Total Acre-Feet 2953

TABLE B-2 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		HANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.0	Diversion by means of two electric pumps.			0.0	7.0	8.7	6.3	5.3	11.5	11.5	10.0	1
2	7.0				0.0	7.0	11.6	6.3	5.3	11.5	11.5	10.0	2
3	2.9				0.0	7.0	11.6	6.3	5.3	8.0	11.5	10.0	3
4	4.0				0.0	7.0	11.6	5.1	1.8	7.5	11.5	7.5	4
5	6.8				0.0	7.0	11.6	5.3	0.0	7.5	11.5	6.2	5
6	6.8		0.0		0.0	7.0	11.6	5.3	0.0	7.5	11.5	6.2	6
7	6.8		4.7		0.0	7.0	11.6	5.3	0.0	7.5	11.5	6.2	7
8	6.8		2.3		0.0	7.0	11.6	5.3	0.0	7.5	11.5	6.2	8
9	6.8		0.0		0.0	6.9	11.6	5.3	0.0	7.5	11.5	6.2	9
10	6.8		0.0		0.0	6.8	11.6	5.3	0.0	7.5	11.5	6.2	10
11	6.8		0.0		0.0	6.8	11.6	5.3	0.0	7.5	6.3	6.2	11
12	2.8	N O	0.0	N	0.0	6.8	11.6	5.3	0.0	7.5	4.0	6.2	12
13	0.0		0.0	O	0.0	1.5	8.5	5.3	0.0	7.5	1.0	6.2	13
14	0.0		0.0		0.0	0.0	1.3	5.3	2.3	7.5	4.1	6.2	14
15	0.0		0.0		0.0	0.0	4.7	5.3	4.0	7.5	6.2	6.2	15
16	0.0		0.0		0.0	0.0	10.3	5.3	4.0	7.5	6.2	6.2	16
17	0.0	F L O W	0.0		0.0	0.0	11.6	5.3	4.0	7.5	9.1	6.2	17
18	0.0		0.0		4.7	0.0	11.6	5.3	4.0	5.0	10.0	6.2	18
19	0.0		0.0		7.0	0.0	11.6	5.3	4.0	0.0	10.0	6.2	19
20	0.0		0.0		11.5	0.0	11.6	5.3	4.0	0.0	10.0	6.2	20
21	0.0		0.0		13.8	0.0	11.6	5.3	9.6	0.0	10.0	2.1	21
22	0.0		0.0		13.8	0.0	11.6	5.3	11.5	5.6	10.0	0.0	22
23	0.0		0.0		13.8	0.0	11.6	5.3	11.5	7.5	10.0	1.9	23
24	0.0		0.0		13.8	0.0	10.3	5.3	11.5	7.5	10.0	5.0	24
25	0.0		0.0		13.8	0.0	6.3	5.3	11.5	10.5	10.0	3.1	25
26	0.0		0.0		13.8	0.0	6.3	5.3	11.5	11.5	10.0	3.1	26
27	0.0		0.0		13.8	0.0	6.3	5.3	11.5	11.5	10.0	3.1	27
28	0.0		0.0		9.3	9.2	6.3	5.3	11.5	11.5	10.0	3.1	28
29	0.0		0.0			12.1	6.3	5.3	11.5	11.5	10.0	0.0	29
30	0.0		0.0			4.0	6.3	5.3	11.5	11.5	10.0	0.0	30
31	0.0		0.0			0.0		5.3		11.5	10.0		31
MEAN													MEAN
MAX.	7.0		4.7		13.8	12.1	11.6	6.3	11.5	11.5	11.5	10.0	MAX.
MIN.	0.0		0.0		0.0	0.0	1.3	5.1	0.0	0.0	1.0	0.0	MIN.
AC. FT.	141		14		256	218	576	331	312	478	579	314	AC. FT.

Total Acre-Feet 3219

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		HANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0	2.1	10.4	0.0	6.3	10.2	0.0	0.0	0.0	0.0	1
2			0.0	2.1	10.4	0.0	6.3	10.2	0.0	0.0	4.1	0.0	2
3			0.0	2.1	10.4	0.0	6.3	10.2	0.0	0.0	6.1	2.7	3
4			0.0	0.0	10.4	0.0	6.3	10.2	0.0	0.0	9.4	11.1	4
5			0.0	0.0	10.4	0.0	4.2	10.2	0.0	0.0	11.1	11.1	5
6			0.0	0.0	10.4	0.0	0.0	7.8	0.0	0.0	11.1	11.1	6
7			0.0	0.0	10.4	0.0	4.1	5.2	0.0	0.0	11.1	11.1	7
8			0.0	0.0	8.8	0.0	6.3	9.7	0.0	0.0	11.1	11.1	8
9			0.0	0.0	4.1	0.0	6.3	10.2	4.0	0.0	4.1	11.1	9
10			0.0	0.0	8.8	0.0	6.3	10.2	7.3	3.1	0.0	11.1	10
11			0.0	0.0	10.4	0.0	6.3	10.2	7.3	4.0	1.7	11.1	11
12	N O	N O	0.0	0.0	8.1	0.0	6.3	10.2	7.3	4.0	5.0	11.1	12
13			0.0	0.0	6.3	0.0	6.3	10.2	7.3	4.0	1.2	6.5	13
14			0.0	0.0	6.3	0.0	6.3	10.2	7.3	4.0	0.0	5.0	14
15			0.0	0.0	4.7	0.0	6.3	10.2	7.3	4.0	3.2	7.1	15
16			0.0	0.0	0.0	0.0	8.4	10.2	7.3	4.0	6.1	5.0	16
17	F L O W	F L O W	0.0	0.0	4.7	0.0	7.0	10.2	7.3	4.0	6.1	5.0	17
18			0.0	0.0	6.3	0.0	6.3	10.2	7.3	4.0	6.1	5.0	18
19			0.0	0.0	2.1	2.1	6.3	10.2	7.3	4.0	6.1	5.0	19
20			0.0	0.0	0.0	6.3	6.3	8.5	10.1	4.0	6.1	5.2	20
21			0.0	0.0	0.0	6.3	6.3	5.0	11.6	4.0	9.4	6.1	21
22			0.0	0.0	0.0	6.3	6.3	5.0	11.6	4.0	11.1	6.1	22
23			0.0	0.0	0.0	6.3	6.3	5.0	11.6	4.0	11.1	6.1	23
24			0.0	0.0	0.0	6.3	6.3	5.0	11.6	2.7	11.1	6.1	24
25			0.0	0.0	0.0	6.3	6.3	5.0	11.6	0.0	11.1	6.1	25
26			0.0	0.0	0.0	6.3	9.8	5.0	11.6	0.0	11.1	6.1	26
27			0.0	0.0	0.0	6.3	11.5	5.0	11.6	0.0	6.5	6.1	27
28			0.0	4.5	0.0	6.3	11.5	5.0	11.6	0.0	5.0	6.1	28
29			2.1	10.4		6.3	11.5	0.0	11.6	0.0	6.4	6.1	29
30			2.1	10.4		6.3	11.5	0.0	5.0	0.0	0.0	5.4	30
31			2.1	10.4		6.3		0.0			0.0		31
MEAN													MEAN
MAX.			2.1	10.4	10.4	6.3	11.5	10.2	11.6	4.0	11.1	11.1	MAX.
MIN.			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MIN.
AC. FT.			12	83	284	154	408	465	390	115	382	410	AC. FT.

Total Acre-Feet 2703

TABLE B-3

CONSOLIDATED PEOPLES DITCH

Point of diversion - Four and one-half miles below McKay Point on the south bank of Kaweah Branch in the northeast quarter of Section 14, Township 18 South, Range 26 East, M.D.B. & M.

Maximum diversion capacity - 700 second-feet

Location of gaging station - At head of ditch in the northeast quarter of Section 14, Township 18 South, Range 26 East, M.D.B. & M.

Description of gaging station - Concrete headgate and flashboards, rated by current meter measurements from footbridge below headgate. Water stage recorder above headgate. Parshall flume installed September 1954.

Operating agencies - Consolidated Peoples Ditch Company and Elk Bayou Ditch Company

Gross service areas - Consolidated Peoples Ditch Company, 16,000 acres. Elk Bayou Ditch Company, 8,900 acres.

Period of record - April 15, 1917 to current year

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0	54	26	82	69	121	0.0	80	290	142	109	1
2		0.0	57	28	100	69	117	0.0	78	290	141	109	2
3		0.0	55	26	98	65	113	0.0	88	290	139	106	3
4		0.0	48	31	100	65	115	0.0	94	290	138	106	4
5		0.0	49	39	103	68	76	0.0	98	290	140	107	5
6		0.0	45	34	103	67	23	0.0	98	296	141	109	6
7		0.0	41	35	98	65	21	0.0	101	305	135	110	7
8		0.0	31	40	103	65	22	0.0	131	305	132	111	8
9		0.0	33	44	114	68	22	0.0	199	312	133	115	9
10		0.0	39	45	119	69	17	0.0	198	316	129	119	10
11		0.0	42	46	120	71	17	5	209	318	129	119	11
12	N	0.0	45	52	130	74	13	10	232	318	129	109	12
13	O	0.0	47	56	134	79	9	11	232	315	127	106	13
14		0.0	46	50	139	65	8	38	231	317	126	82	14
15		0.0	42	50	143	66	14	103	236	315	127	21	15
16	F	2	38	51	146	85	9	101	241	317	127	14	16
17	L	38	44	50	150	88	0	103	249	318	131	11	17
18	O	46	37	57	152	87	0	101	260	312	134	10	18
19	W	41	30	63	146	88	0	98	267	225	132	11	19
20		38	29	56	125	88	0	100	277	151	131	10	20
21		15	34	51	109	88	0	109	277	145	125	10	21
22		13	31	47	105	87	0	119	280	140	119	11	22
23		13	26	46	94	91	0	122	292	140	117	10	23
24		13	19	50	91	95	0	120	290	141	119	10	24
25		19	17	49	83	100	0	115	288	140	121	10	25
26		37	16	53	83	111	0	117	287	139	115	9	26
27		27	17	54	75	121	0	122	285	140	110	8	27
28		40	25	52	68	121	0	98	290	140	109	8	28
29		82	32	52		122	0	85	290	140	110	8	29
30		82	31	51		123	0	85	290	140	110	8	30
31			29	50		121		82		140	109		31
MEAN													MEAN
MAX.		82	57	63	152	123	121	122	292	318	142	119	MAX.
MIN.		0	16	26	68	65	0	0	78	139	109	8	MIN.
AC. FT.		1004	2239	2844	6175	5238	1422	3658	12829	14747	7789	3344	AC. FT.

Total Acre-Feet 61289

TABLE B-3 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0	85	88	97	20	0.0	129	155			1
2			0.0	82	78	100	22	0.0	127	157			2
3			0.0	78	35	98	18	0.0	117	151			3
4			0.0	73	0.0	98	15	0.0	113	139			4
5			0.0	73	0.0	98	15	0.0	119	140			5
6			0.0	73	0.0	100	15	0.0	110	140			6
7			0.0	75	0.0	101	15	0.0	111	140			7
8			0.0	75	0.0	106	15	0.0	113	137			8
9			0.0	72	0.0	101	15	0.0	157	130			9
10			19	73	0.0	102	15	0.0	204	130			10
11			133	75	0.0	101	15	0.0	213	132			11
12	N	N	139	75	0.0	101	15	0.0	223	133	N	N	12
13	O	O	133	75	0.0	100	14	0.0	237	132			13
14			115	76	19	100	15	0.0	252	129			14
15			107	80	52	100	14		260	132			15
16	F	F	107	80	52	100	14	113	269	130	F	F	16
17	L	L	106	86	52	101	14	125	276	129	L	L	17
18	O	O	106	92	55	113	14	131	278	132	O	O	18
19	W	W	105	88	57	115	11	133	280	137			19
20			101	86	57	115	9	133	280	137			20
21			78	86	54	76	9	118	286	138			21
22			99	89	51	28	8	120	291	138			22
23			98	89	56	28	7	117	292	139			23
24			85	88	64	27	7	115	292	137			24
25			72	88	80	33	4	117	292	137			25
26			74	86	90	36	0.0	112	290	139			26
27			86	89	91	36	0.0	109	290	80			27
28			91	91	90	14	0.0	105	292	0.0			28
29			59	91	90	19	0.0	108	291	0.0			29
30			69	91	19	19	0.0	120	220	0.0			30
31			82	91	17	17	0.0	127		0.0			31
MEAN			139	92	91	115	22	133	292	157			MEAN
MAX.			0	72	0	14	0	0	110	0			MAX.
MIN.			4094	5060	2402	4721	664	3832	13297	7240			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 41310

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	47	34	75	91	45	320	427	347	253	127	1
2		0	45	34	70	95	48	334	432	347	172	130	2
3		0	45	27	66	95	60	342	435	349	155	131	3
4		0	50	27	66	100	78	336	438	348	149	127	4
5		0	57	27	67	100	82	333	440	345	148	129	5
6		0	55	28	71	100	92	330	376	338	151	129	6
7		0	47	28	72	109	100	336	367	330	153	130	7
8		0	34	29	75	96	107	339	363	330	148	130	8
9		0	35	35	73	88	112	332	371	328	140	132	9
10		0	35	42	67	80	123	325	376	324	140	130	10
11		0	31	46	43	82	140	317	368	323	135	125	11
12	N	0	23	54	43	68	151	315	415	325	129	127	12
13	O	0	17	54	66	65	166	315	405	325	129	121	13
14		0	21	54	76	69	184	313	389	325	129	119	14
15		12	25	53	73	71	190	315	371	328	128	119	15
16	F	67	21	54	73	85	193	318	354	333	128	115	16
17	L	86	21	64	78	97	198	320	347	339	128	113	17
18	O	80	24	60	76	100	205	316	347	339	128	109	18
19	W	75	31	31	77	102	223	315	349	339	131	108	19
20		47	35	14	75	95	236	318	349	334	129	110	20
21		19	40	14	76	56	238	320	359	326	122	113	21
22		36	44	33	91	33	234	308	366	320	113	85	22
23		71	40	75	103	23	232	313	366	318	110	30	23
24		76	40	75	106	26	245	313	364	318	111	24	24
25		76	40	76	106	34	260	318	366	313	108	18	25
26		78	35	75	104	41	271	320	371	309	109	15	26
27		76	25	67	105	37	277	308	363	303	112	18	27
28		73	26	62	89	50	287	304	352	301	109	18	28
29		62	28	68		49	301	347	344	298	116	21	29
30		51	34	80		45	302	408	347	298	124	19	30
31			35	79		45		410		300	123		31
MEAN													MEAN
MAX.		86	57	80	106	109	302	410	440	349	253	132	MAX.
MIN.		0	17	14	43	23	45	304	344	298	108	15	MIN.
AC. FT.		1954	2154	2973	4288	4417	10671	12118	22447	20033	8251	5597	AC. FT.

Total Acre-Feet 102933

TABLE B-3 (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	17	0	60	51	90	85	179	258	342	310	331	140	1
2	14	0	63	53	97	79	130	258	332	310	264	140	2
3	11	0	67	54	97	80	122	259	329	313	181	133	3
4	13	0	71	55	99	79	187	260	330	311	181	130	4
5	13	0	67	57	109	100	198	260	339	309	152	127	5
6	16	0	66	59	119	134	187	261	353	310	169	86	6
7	19	0	62	65	120	153	182	261	366	311	168	26	7
8	20	0	62	71	119	152	183	263	347	311	160	0	8
9	18	0	61	69	119	158	182	259	332	313	151	0	9
10	10	0	61	72	119	167	183	256	331	313	151	0	10
11	7	0	60	76	126	173	189	258	329	311	145	0	11
12	0	0	62	82	132	188	215	259	329	313	147	0	12
13	0	0	64	85	139	187	226	255	323	310	143	0	13
14	0	0	63	86	155	174	227	256	329	304	139	0	14
15	0	0	61	90	162	170	225	266	329	304	139	0	15
16	0	0	61	80	166	175	220	263	331	309	144	0	16
17	0	0	61	71	172	183	228	281	332	308	141	0	17
18	0	0	62	49	172	184	236	280	325	315	132	0	18
19	0	19	62	40	177	185	241	282	314	316	140	0	19
20	0	54	59	46	192	195	244	283	310	313	134	0	20
21	0	55	46	52	191	211	247	281	309	313	141	0	21
22	0	54	37	46	190	223	246	281	309	313	140	0	22
23	0	54	37	64	193	228	245	282	310	324	137	0	23
24	0	54	38	76	192	228	244	282	311	323	128	0	24
25	0	55	37	80	123	233	246	282	311	322	123	0	25
26	0	37	41	81	85	241	245	287	314	325	120	0	26
27	0	35	43	82	91	243	246	280	308	316	117	0	27
28	0	50	45	82	94	238	249	287	310	315	117	0	28
29	0	54	51	73		238	248	305	313	311	115	0	29
30	0	59	51	72		235	250	300	313	316	128	0	30
31	0		52	81		234		315		328	139	0	31
MEAN													MEAN
MAX.	20	59	71	90	193	243	250	315	366	328	331	140	MAX.
MIN.	0	0	37	40	85	79	122	255	308	304	115	0	MIN.
AC. FT.	313	1150	3437	4165	7617	11014	12794	16780	19359	19282	9356	1551	AC. FT.

Total Acre-Feet 106818

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project Water April 21-May 13th.		0	19	55	91	0	265	269	315	309	130	1
2			0	18	59	91	0	265	269	315	232	131	2
3			0	18	59	112	0	265	273	315	160	130	3
4			9	18	58	112	0	265	280	315	158	86	4
5			37	16	56	110	0	267	280	315	155	0	5
6			30	18	55	109	0	265	281	315	151	0	6
7			13	20	55	113	0	265	290	315	147	0	7
8			13	29	54	122	0	265	280	310	146	0	8
9			19	33	60	123	0	266	280	315	147	0	9
10			26	31	78	123	0	267	280	320	150	0	10
11			26	31	75	117	0	269	296	318	155	0	11
12	N	N	22	31	88	107	0	277	301	315	149	0	12
13	O	O	19	31	97	106	0	269	297	312	149	0	13
14			18	35	101	94	0	267	299	312	144	0	14
15			17	41	100	94	0	277	304	315	148	0	15
16			18	44	98	104	0	287	321	310	141	0	16
17	P	P	20	44	89	104	0	290	313	305	137	0	17
18	L	L	21	51	67	97	0	290	294	303	139	0	18
19	O	O	23	50	47	94	0	285	296	301	140	0	19
20	W	W	22	51	59	97	0	280	303	296	135	0	20
21			22	51	67	65	85	282	315	298	129	0	21
22			24	51	67	11	251	287	318	301	129	0	22
23			20	51	67	8	253	280	318	305	127	0	23
24			18	51	68	6	255	273	320	315	126	0	24
25			15	52	72	5	260	275	320	315	124	0	25
26			15	52	76	4	258	282	323	310	129	0	26
27			16	52	83	0	258	275	318	310	132	0	27
28			23	50	88	0	260	275	313	308	133	0	28
29			22	50		0	265	269	313	305	133	0	29
30			22	55		0	265	267	315	313	123	0	30
31			19	55		0		267		310	130		31
MEAN													MEAN
MAX.			37	55	101	123	265	290	323	320	309	131	MAX.
MIN.			0	16	47	0	0	265	265	296	123	0	MIN.
AC. FT.			1129	2378	3963	4401	4780	16816	17810	19095	9138	946	AC. FT.

Total Acre-Feet 80458

TABLE B-4

LOWER KAWEAH RIVER BELOW PEOPLES DITCH

Point of diversion - In the northeast quarter of Section 14, Township 18 South, Range 26 East, M.D.B. and M.

Maximum diversion capacity - 2600 second-feet, with by-pass for higher flows.

Location of gaging station - Approximately 200 feet below point of diversion of Consolidated Peoples Ditch.

Description of gaging station - 40 foot Parshall flume with water stage recorder

Operating agency - Kaweah River Association

Period of record - 1959 to current year

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		LOWER KAWEAH RIVER BELOW PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0	260	90	166	45	0.0	20	0.0	601	394	42	1
2		0.0	360	87	231	45	0.0	16	14	593	408	40	2
3		0.0	386	86	234	42	0.0	13	39	605	396	40	3
4		0.0	354	89	222	42	0.0	13	29	605	405	40	4
5		0.0	317	82	206	46	0.0	15	28	609	408	43	5
6		0.0	312	68	204	45	0.0	20	29	617	401	44	6
7		0.0	190	66	197	43	0.0	11	27	585	401	44	7
8		0.0	72	64	203	42	0.0	9	93	569	299	43	8
9		0.0	70	53	211	43	0.0	15	141	573	217	45	9
10		0.0	70	50	214	45	0.0	22	157	597	206	22	10
11		0.0	79	51	217	46	0.0	11	160	609	201	0.0	11
12	N	0.0	95	59	220	51	0.0	0.0	148	633	185	0.0	12
13	O	0.0	95	77	220	60	0.0	0.0	145	646	165	0.0	13
14		0.0	91	103	220	61	0.0	0.0	145	671	162	0.0	14
15		0.0	75	111	217	51	0.0	0.0	145	696	162	0.0	15
16	F	0.0	60	113	223	46	3	0.0	141	705	162	0.0	16
17	L	0.0	89	112	231	57	12	0.0	145	713	157	0.0	17
18	O	0.0	129	141	229	65	15	0.0	172	705	150	0.0	18
19	W	0.0	126	210	207	66	16	0.0	182	557	167	0.0	19
20		0.0	122	248	136	68	20	0.0	185	440	130	0.0	20
21		0.0	136	242	68	70	19	0.0	188	440	120	0.0	21
22		0.0	131	205	63	75	19	0.0	206	447	116	0.0	22
23		0.0	124	150	65	81	20	0.0	240	458	105	0.0	23
24		0.0	109	127	59	75	22	0.0	248	462	101	0.0	24
25		0.0	105	108	54	77	24	0.0	248	462	109	0.0	25
26		0.0	103	92	51	79	22	0.0	248	419	114	0.0	26
27		0.0	107	97	46	81	21	0.0	249	381	112	0.0	27
28		0.0	107	97	43	81	20	0.0	426	374	109	0.0	28
29		0	103	103		42	16	0.0	605	372	89	0.0	29
30		117	105	103		8	16	0.0	605	372	61	0.0	30
31			100	103		0.0		0.0		377	48		31
MEAN													MEAN
MAX.		117	386	248	234	81	24	22	605	713	408	45	MAX.
MIN.		0	60	50	43	0	0	0	0	372	48	0	MIN.
AC. FT.		232	9088	6718	9237	3328	526	327	10687	33507	12417	799	AC. FT.

Total Acre-Feet 86866

TABLE B-4 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		LOWER KAWEAH BELOW PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0	11	20		58	0.0	39	0.0	176	152		1
2		0.0	8	16	0.0	61	0.0	31	0.0	167	152		2
3		0.0	8	19	12	72	0.0	10	0.0	172	143		3
4		0.0	11	22	18	89	0.0	10	0.0	190	139		4
5		0.0	9	20	15	89	0.0	13	0.0	198	139		5
6		0.0	8	11	12	94	0.0	12	102	194	139		6
7		0.0		4	9	100	0.0	11	102	177	141		7
8		0.0		4	11	126	0.0	13	102	145	141		8
9		16		4	11	142	0.0	12	116	123	139		9
10		22	8	4	11	144	0.0	11	125	123	129		10
11		15	3	0.0	22	143	0.0	14	125	120	89		11
12	N	13	2	0.0	46	143	0.0	7	120	121	35	N	12
13	O	11	7	0.0	43	138	0.0	5	121	128	33	O	13
14		11	22	0.0	42	136	0.0	4	118	143	29		14
15		11	24	0.0	37	125	0.0	3	116	172	16		15
16	F	16	23	0.0	36	105	0.0	0.0	123	172	0.0	F	16
17	L	14	23	0.0	37	120	0.0	0.0	126	170	0.0	L	17
18	O	9	22	0.0	42	134	0.0	0.0	125	165	0.0	O	18
19		7	22	0.0	46	85	0.0	0.0	126	157	0.0		19
20		7	18	0.0	47	89	0.0	0.0	122	155	0.0		20
21		7	13	0.0	46	85	0.0	0.0	136	156	0.0		21
22		6	19	0.0	43	79	0.0	0.0	156	156	0.0		22
23		4	37	0.0	45	81	0.0	0.0	157	156	0.0		23
24		4	87	0.0	45	81	0.0	0.0	153	156	0.0		24
25		10	102	0.0	48	40	13	0.0	155	155	0.0		25
26		7	106	0.0	50	0.0	33	0.0	152	156	0.0		26
27		4	230	0.0	51	0.0	42	0.0	150	156	0.0		27
28		4	388	0.0	50	0.0	42	0.0	158	156	0.0		28
29		4	190	0.0	52	0.0	37	0.0	171	144	0.0		29
30		5	12	0.0		0.0	38	0.0	175	141	0.0		30
31			7	0.0		0.0		0.0		143	0.0		31
MEAN													MEAN
MAX.		22	388	22	52	144	42	39	175	198	152		MAX.
MIN.		0.0	2	0.0	0.0	0.0	0.0	0.0	0.0	120	0.0		MIN.
AC. FT.		411	2870	246	1839	5076	407	387	6609	9606	3205		AC. FT.

Total Acre-Feet 30656

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		LOWER KAWEAH RIVER BELOW PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			50	59	83	364	269	447	742	401	766		1
2			50	53	82	268	241	444	711	377	813		2
3			50	39	74	245	220	444	703	373	804		3
4			51	39	70	259	223	447	739	386	784		4
5			70	39	72	251	220	462	759	384	784		5
6			103	40	122	256	220	422	779	377	793		6
7			85	40	192	286	223	408	791	373	797		7
8			59	42	248	286	214	426	788	374	800		8
9			57	55	233	287	222	366	797	440	809		9
10			57	66	281	290	241	326	827	532	790		10
11			50	78	393	306	237	317	824	559	784		11
12	N		39	95	280	312	250	311	865	579	786	N	12
13	O	0	26	97	391	317	296	311	873	623	784	O	13
14		1	31	97	481	329	320	299	822	615	773		14
15		15	40	93	513	287	313	293	755	607	784		15
16	F	89	31	103	483	251	326	537	688	627	809	F	16
17	L	122	31	325	455	247	333	535	621	648	809	L	17
18	O	126	39	525	449	244	326	531	617	650	806	O	18
19		116	53	547	455	247	347	531	681	633	815		19
20		69	53	565	473	284	364	520	766	609	811		20
21		32	59	563	514	263	384	505	751	587	780		21
22		39	72	575	518	219	410	513	720	575	701		22
23		40	73	531	499	193	412	533	581	577	344		23
24		47	73	479	501	200	426	565	447	650	47		24
25		47	73	442	499	226	442	597	447	713	11		25
26		46	61	394	499	239	451	595	471	701	0		26
27		44	41	371	492	237	444	599	509	699	0		27
28		39	40	366	451	284	444	627	537	716	0		28
29		47	44	214		284	451	690	505	735	0		29
30		53	59	78		269	453	718	428	742	0		30
31			59	78		269		742		744	0		31
MEAN													MEAN
MAX.		126	103	575	518	364	453	742	873	744	815		MAX.
MIN.		0	26	39	70	193	214	293	428	373	0		MIN.
AC. FT.		1948	3330	14059	19444	16461	19284	29873	40749	34922	35275		AC. FT.

Total Acre-Feet 215345

TABLE B-4 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		LOWER KAWEAH BELOW PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	11	46	67	91	59	203	306	617	547	514	149	1
2	0	10	51	68	83	82	344	325	629	544	533	148	2
3	0	11	55	63	83	98	245	334	609	541	545	184	3
4	0	14	69	70	80	65	247	334	642	537	547	231	4
5	0	14	79	70	126	122	230	333	677	533	557	233	5
6	0	13	85	72	228	257	230	331	711	537	561	234	6
7	0	12	91	156	225	257	237	346	757	545	547	251	7
8	0	12	97	280	220	256	237	360	722	563	524	181	8
9	0	11	97	231	217	241	234	370	690	597	505	35	9
10	0	12	95	231	217	228	236	395	696	609	501	20	10
11	49	11	95	204	226	196	230	401	696	627	492	19	11
12	103	16	81	148	223	152	220	405	696	644	499	16	12
13	103	11	53	152	225	157	244	401	642	623	460	16	13
14	99	11	53	197	214	150	266	403	576	599	415	16	14
15	100	11	51	262	206	188	263	417	561	591	421	16	15
16	8	11	50	177	206	257	266	403	571	591	433	15	16
17	8	12	50	182	206	275	260	422	583	593	408	15	17
18	8	15	50	284	203	275	296	469	547	603	340	14	18
19	8	54	51	298	203	287	318	473	531	595	239	10	19
20	9	145	47	327	198	299	315	473	561	585	208	7	20
21	10	147	43	394	188	295	315	473	557	585	223	0	21
22	10	144	48	347	177	290	317	483	535	591	240		22
23	9	142	48	377	174	290	320	484	496	601	234		23
24	9	141	50	422	175	292	318	481	516	593	209		24
25	10	143	50	344	76	288	315	483	537	547	160		25
26	9	107	55	259	44	284	315	481	545	488	122		26
27	10	48	72	230	51	286	318	499	547	477	33		27
28	11	29	69	232	55	290	318	520	549	486	9		28
29	11	32	66	231		302	318	547	553	492	8		29
30	11	37	66	124		299	312	531	555	477	59		30
31	11		66	108		308		543		486	147		31
MEAN													MEAN
MAX.	103	147	97	422	228	308	344	547	757	644	561	251	MAX.
MIN.	0	10	43	63	44	59	203	306	496	477	8	0	MIN.
AC. FT.	1202	2751	3925	13105	9164	14132	16437	26234	35909	34566	21210	3590	AC. FT.

Total Acre-Feet 182225

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		LOWER KAWEAH RIVER BELOW PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project Water April 21-May 21st.		0	39	54	64	21	312	371	340	577	14	1
2			0	38	59	64	20	312	532	373	563	13	2
3			6	37	57	72	19	312	748	374	565	12	3
4			72	38	57	79	17	309	755	374	566	33	4
5			45	35	56	84	18	309	757	373	566	45	5
6			114	37	57	89	17	306	815	373	565	31	6
7			63	40	65	85	16	306	793	376	561	29	7
8			65	55	65	96	13	309	696	374	555	27	8
9			55	72	79	103	12	309	559	374	545	24	9
10			56	94	109	99	11	311	430	374	547	24	10
11			53	75	120	85	11	315	573	384	533	17	11
12			48	75	223	78	11	315	638	391	514	12	12
13			45	76	223	87	10	322	613	381	516	11	13
14			40	70	223	97	11	190	638	377	509	14	14
15			40	60	220	71	10	152	667	492	444	14	15
16			41	57	214	72	11	150	713	621	361	16	16
17			45	47	211	91	10	150	722	625	367	15	17
18			45	43	118	96	8	150	638	627	453	17	18
19			50	43	38	71	6	166	595	265	326	13	19
20			50	43	47	76	5	196	569	625	329	7	20
21			50	44	54	65	143	205	532	649	326	11	21
22			51	43	53	46	251	209	525	447	336	9	22
23			47	44	53	63	256	209	514	435	336	9	23
24			39	44	50	53	263	210	386	475	336	6	24
25			35	45	48	40	295	220	384	541	336	6	25
26			34	45	52	35	312	219	351	555	327	6	26
27			34	43	53	19	311	209	306	555	324	6	27
28			47	40	57	22	310	281	295	549	327	6	28
29			45	42		24	312	271	293	532	225	8	29
30			45	48		29	314	371	302	545	64	6	30
31			40	50		27		373		573	16		31
MEAN													MEAN
MAX.			114	94	223	103	314	373	815	649	577	45	MAX.
MIN.			0	35	38	19	5	150	293	340	16	6	MIN.
AC. FT.			2777	3098	5385	4130	5998	16023	33144	29175	25617	914	AC. FT.

Total Acre-Feet 126261

TABLE B-5

DEEP CREEK

Point of diversion - Six and five-eighths miles below McKay Point on the south bank of Kaweah Branch in the southwest quarter of Section 22, Township 18 South, Range 26 East, M.D.B. and M.

Maximum diversion capacity - 500 second-feet

Location of gaging station - Prior to 1925, three-eighths of a mile below head of creek in the southeast quarter of Section 21, Township 18 South, Range 26 East, M.D.B. and M. Since 1925, 100 yards below head of creek in same section.

Description of gaging station - Open channel section, staff gage and water stage recorder rated frequently by current meter measurements from a footbridge

Operating agencies - Farmers Ditch Company and Tulare Irrigation District

Gross service areas - Farmers Ditch Company, 12,500 acres; Tulare Irrigation District, 75,350 acres

Period of record - 1917 to current year; intermittent from April 7, 1917 to July 31, 1918, and from October 1, 1919, to April 19, 1920; continuous from April 19, 1920, to current year

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					111				0.0	150	192		1
2					129				0.0	150	194		2
3					127				0.0	155	200		3
4					124				0.0	155	205		4
5					121				0.0	165	210		5
6					121				0.0	176	207		6
7					117				0.0	178	207		7
8				0	124				0.0	182	90		8
9				10	127				0.0	197	0.0		9
10				15	127				0.0	190	0.0		10
11				20	123				0.0	190	0.0		11
12	N	N	N	39	117	N	N	N	0.0	190	0.0	N	12
13	O	O	O	48	124	O	O	O	0.0	204	0.0	O	13
14				60	124				0.0	206	0.0		14
15				58	123				0.0	204	0.0		15
16	F	F	F	60	127	F	F	F	0.0	200	0.0	F	16
17	L	L	L	60	133	L	L	L	0.0	206	0.0	L	17
18	O	O	O	79	133	O	O	O	0.0	206	0.0	O	18
19	W	W	W	103	105	W	W	W	0.0	200	0.0	W	19
20				101	41				0.0	205	0.0		20
21				97	0.0				0.0	205	0.0		21
22				96	0.0				0.0	200	0.0		22
23				89	0.0				0.0	196	0.0		23
24				74	0.0				0.0	191	0.0		24
25				75	0.0				0.0	192	0.0		25
26				82	0.0				0.0	192	0.0		26
27				83	0.0				0.0	192	0.0		27
28				84	0.0				0.0	192	0.0		28
29				87					140	190	0.0		29
30				87					145	190	0.0		30
31				87						190	0.0		31
MEAN													MEAN
MAX.				103	133				145	206	210		MAX.
MIN.				0	0				0	150	0		MIN.
AC. FT.				3162	4717				565	11582	2985		AC. FT.

Total Acre-Feet 23011

TABLE B-5 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0										1
2			0.0										2
3			0.0										3
4			0.0										4
5			0.0										5
6			0.0										6
7			0.0										7
8			0.0										8
9			0.0										9
10			0.0										10
11			0.0										11
12	N	N	0.0	N	N	N	N	N	N	N	N	N	12
13	O	O	0.0	O	O	O	O	O	O	O	O	O	13
14			0.0										14
15			0.0										15
16	F	F	0.0	F	F	F	F	F	F	F	F	F	16
17	L	L	0.0	L	L	L	L	L	L	L	L	L	17
18	O	O	0.0	O	O	O	O	O	O	O	O	O	18
19	W	W	0.0	W	W	W	W	W	W	W	W	W	19
20			0.0										20
21			0.0										21
22			0.0										22
23			0.0										23
24			0.0										24
25			0.0										25
26			0.0										26
27			55										27
28			130										28
29			83										29
30			0.0										30
31			0.0										31
MEAN													MEAN
MAX.			130										MAX.
MIN.			0.0										MIN.
AC. FT.			532										AC. FT.

Total Acre-Feet 532

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	21	166	134	222	219	176	186		1
2				0	33	134	129	223	215	172	184		2
3				0	36	106	121	222	215	202	186		3
4				0	32	114	126	221	226	210	184		4
5				0	23	112	122	223	226	208	185		5
6				0	48	114	120	226	225	204	184		6
7				0	118	128	115	223	223	209	184		7
8				0	158	128	110	223	222	209	185		8
9				0	185	128	109	200	234	205	194		9
10				0	178	124	110	149	239	217	183		10
11				0	126	130	112	153	235	221	162		11
12	N	N	N	0	134	134	112	149	244	228	170	N	12
13	O	O	O	0	186	132	124	150	185	230	171	O	13
14				0	196	138	145	147	213	211	175		14
15				0	194	124	143	155	210	204	177		15
16	F	F	F	0	182	127	147	199	215	206	181	F	16
17	L	L	L	8	180	150	166	192	211	212	168	L	17
18	O	O	O	92	178	145	184	187	208	213	167	O	18
19	W	W	W	114	178	148	195	194	210	207	170	W	19
20				157	180	167	198	201	215	197	168		20
21				161	182	161	206	197	206	196	160		21
22				166	184	146	206	199	204	197	146		22
23				162	195	132	205	202	200	197	152		23
24				166	207	138	206	201	195	195	32		24
25				162	207	151	206	204	171	175	0		25
26				155	209	161	214	206	180	181	0		26
27				157	209	131	213	207	186	182	0		27
28				156	192	139	215	206	182	183	0		28
29				78		140	220	200	178	185	0		29
30				0		133	223	206	178	186	0		30
31						133		226		183	0		31
MEAN				166	209	167	223	226	244	230	194		MEAN
MAX.				0	21	106	109	147	171	172	0		MAX.
MIN.				3439	8234	8358	9592	12125	12437	12300	8041		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 74526

TABLE B-5 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water.			0	62	0	93	156	191	167	176		1
2				0	53	0	102	158	192	165	181		2
3				0	53	0	106	160	180	164	185		3
4				0	52	0	150	162	184	162	188		4
5				0	62	43	136	162	188	161	192		5
6				0	86	109	120	160	204	160	175		6
7				0	92	126	116	164	222	156	172		7
8				8	90	125	116	163	207	158	171		8
9				115	88	113	116	160	194	154	170		9
10				122	88	102	118	155	194	158	170		10
11				136	89	78	116	160	197	172	166		11
12	N	N	N	126	84	47	111	162	196	167	168		12
13	O	O	O	104	85	47	112	143	188	155	158	N	13
14				106	83	49	116	136	199	162	158	O	14
15				115	77	82	111	143	208	157	164		15
16	F	F	F	78	77	144	127	148	208	157	182	F	16
17	L	L	L	57	79	148	148	144	197	162	174	L	17
18	O	O	O	100	79	146	150	143	202	167	133	O	18
19	W	W	W	98	79	149	154	143	189	161	8	W	19
20				120	77	144	154	143	182	159	0		20
21				136	73	143	154	139	167	161	0		21
22				114	74	140	154	141	164	167	0		22
23				125	77	140	156	147	170	177	0		23
24				110	77	142	156	143	172	178	0		24
25				105	31	144	154	141	172	166	0		25
26				100	0	142	154	141	167	156	0		26
27				102	0	144	156	147	166	164	0		27
28				103	0	148	156	156	167	175	0		28
29				78		156	156	172	159	176	0		29
30				67		153	154	164	154	170	0		30
31				89		156		170		167	0		31
MEAN													MEAN
MAX.				136	92	156	156	172	222	178	192		MAX.
MIN.				0	0	0	93	136	154	154	0		MIN.
AC. FT.				4788	3703	6466	7978	9370	11068	10078	6131		AC. FT.

Total Acre-Feet 59582

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	0	188	152	153	148		1
2	Central Valley Project April 21-May 14 th.					0	0	188	162	155	147		2
3						0	0	188	180	157	167		3
4						0	0	188	190	158	169		4
5						0	0	188	190	158	166		5
6						5	0	186	202	159	163		6
7						11	0	186	216	159	163		7
8						11	0	188	198	135	164		8
9						12	0	188	177	168	169		9
10						12	0	188	186	168	173		10
11						13	0	191	206	168	175		11
12	N	N	N	N	N	0	0	191	200	167	170	N	12
13	O	O	O	O	O	0	0	190	198	167	168	O	13
14						0	0	134	200	167	164		14
15						0	0	0	206	172	118		15
16	F	F	F	F	F	0	0	0	212	174	45	F	16
17	L	L	L	L	L	0	0	0	210	162	52	L	17
18	O	O	O	O	O	0	0	0	196	158	31	O	18
19	W	W	W	W	W	0	0	0	192	155	0	W	19
20						0	0	0	188	154	0		20
21						0	110	0	190	67	0		21
22						0	174	0	196	0	0		22
23						0	152	0	187	0	0		23
24						0	160	0	185	51	0		24
25						0	175	0	185	120	0		25
26						0	195	0	176	142	0		26
27						0	198	0	167	142	0		27
28						0	197	59	165	140	0		28
29						0	188	136	165	146	0		29
30						0	188	150	166	139	0		30
31						0		150		148	0		31
MEAN													MEAN
MAX.						13	198	191	216	174	175		MAX.
MIN.						0	0	0	152	0	0		MIN.
AC. FT.						127	3445	6103	11193	8547	5062		AC. FT.

Total Acre-Feet 34478

TABLE B-6

CROCKER CUT FOR TULARE IRRIGATION DISTRICT

Point of diversion - Seven and one-half miles below McKay Point on the south bank of Kaweah Branch in the southeast quarter of Section 21, Township 18 South, Range 26 East, M.D.B. and M.

Maximum diversion capacity - 600 second-feet

Location of gaging station - 300 feet below head of cut in the southwest quarter of Section 21, Township 18 South, Range 26 East, M.D.B. and M.

Description of gaging station - Open channel section, staff gage and water stage recorder rated by frequent current meter measurements prior to installation of 20-foot Parshall flume in September, 1954

Operating agency - Tulare Irrigation District

Gross service area - 75,350 acres

Period of record - April 7, 1917, to May 30, 1918, and October 1, 1923, to current year

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			130	63	16				0	248			1
2			180	61	26				0	251			2
3			167	60	24				18	254			3
4			159	61	16				12	252			4
5			157	60	0				12	250			5
6			154	44	0				12	250			6
7			104	32	0				9	215			7
8			49	32	5				5	170			8
9			51	22	14				9	176			9
10			52	18	15				11	175			10
11			53	13	19				0	176			11
12	N		57	9	22	N	N	N	0	192	N	N	12
13	O		57	11	21	O	O	O	0	225	O	O	13
14			55	21	20				0	235			14
15			49	29	20				0	254			15
16	F		37	30	22	F	F	F	0	260	F	F	16
17	L		41	30	26	L	L	L	0	269	L	L	17
18	O		68	32	25	O	O	O	0	265	O	O	18
19	W		73	62	26	W	W	W	0	130	W	W	19
20			70	125	16				0	0			20
21			77	124	0.0				0	0			21
22			75	96	0.0				12	0			22
23			69	48	0.0				43	0			23
24			69	38	0.0				48	0			24
25			71	21	0.0				47	0			25
26			70	4	0				47	0			26
27			71	4	0				50	0			27
28			71	4	0				116	0			28
29		0	72	4					246	0			29
30		20	73	4					248	0			30
31			70	4						0			31
MEAN													MEAN
MAX.									248	269			MAX.
MIN.		20	180	125	26				0	0			MIN.
AC. FT.		40	5060	2313	661				1874	8424			AC. FT.

Total Acre-Feet 18372

TABLE B-6 (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0	6									1
2			0.0	9									2
3			0.0	15									3
4			0.0	17									4
5			0.0	18									5
6			0.0	11									6
7			0.0	4									7
8			0.0	4									8
9			0.0	1									9
10			0.0	1									10
11			0.0	0.0									11
12	N	N	0.0	0.0	N	N	N	N	N	N	N	N	12
13	O	O	0.0	0.0	O	O	O	O	O	O	O	O	13
14			0.0	0.0									14
15			0.0	0.0									15
16	F	F	0.0	0.0	F	F	F	F	F	F	F	F	16
17	L	L	0.0	0.0	L	L	L	L	L	L	L	L	17
18	O	O	0.0	0.0	O	O	O	O	O	O	O	O	18
19			0.0	0.0									19
20			0.0	0.0									20
21			0.0	0.0									21
22			0.0	0.0									22
23			10	0.0									23
24			57	0.0									24
25			79	0.0									25
26			88	0.0									26
27			138	0.0									27
28			227	0.0									28
29			164	0.0									29
30			32	0.0									30
31			6	0.0									31
MEAN													MEAN
MAX.			227	18									MAX.
MIN.			0.0	0.0									MIN.
AC. FT.			1589	171									AC. FT.

Total Acre-Feet 1760

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	76	99	0	148	0	356		1
2				0	0	74	86	0	159	0	357		2
3				0	0	90	57	0	177	0	364		3
4				0	0	96	57	0	182	0	351		4
5				0	0	83	56	0	162	0	352		5
6				0	0	76	57	0	177	0	356		6
7				0	0	84	58	0	175	0	378		7
8				0	0	85	52	0	174	0	385		8
9				0	0	85	53	0	178	26	400		9
10				0	0	85	56	0	183	151	410		10
11				0	30	84	47	0	179	106	416		11
12	N	N	N	0	47	74	35	0	213	202	425	N	12
13	O	O	O	0	59	50	0	0	212	226	483	O	13
14				0	112	51	0	0	215	225	626		14
15				0	110	44	0	0	209	222	623		15
16	F	F	F	0	68	24	0	0	198	237	638	F	16
17	L	L	L	40	84	21	0	0	197	263	641	L	17
18	O	O	O	166	78	19	0	0	204	263	643	O	18
19				152	76	19	0	0	215	262	660		19
20				143	78	23	0	0	206	258	649		20
21				142	82	23	0	0	198	257	644		21
22				146	85	16	0	0	197	257	599		22
23				125	86	12	0	0	128	258	253		23
24				90	96	12	0	0	3	272	0		24
25				79	97	13	0	0	8	351	0		25
26				57	98	16	0	0	17	356	0		26
27				60	98	30	0	0	50	356	0		27
28				59	88	97	0	15	80	357	0		28
29				27		103	0	80	73	352	0		29
30				0		99	0	120	27	354	0		30
31				0		99		125		352	0		31
MEAN													MEAN
MAX.				166	112	103	99	120	215	357	650		MAX.
MIN.				0	0	12	0	0	8	0	0		MIN.
AC. FT.				2551	2979	3497	1414	674	9035	11992	21826		AC. FT.

Total Acre-Feet 53968

TABLE B-6 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project Water		9	51	0	0	0	0	113	224	155	147	1
2			8	52	0	0	37	0	116	225	151	155	2
3			15	53	0	0	19	0	112	227	152	187	3
4			48	55	0	0	0	0	118	225	151	234	4
5			57	56	0	31	0	19	122	224	152	292	5
6		0	60	57	0	66	0	12	128	225	152	250	6
7		0	62	77	0	0	0	0	138	227	152	249	7
8		0	66	107	0	0	0	0	132	239	148	31	8
9		0	66	73	0	0	0	0	126	278	142	0	9
10		0	64	57	0	0	0	0	127	292	146	0	10
11		0	64	52	0	0	0	0	126	287	145	0	11
12	N	0	43	37	0	0	0	0	126	285	144	0	12
13	O	0	8	36	0	0	0	0	115	283	139	0	13
14		0	7	51	0	0	0	0	114	289	142	0	14
15		0	0	101	0	0	0	0	124	285	152	0	15
16	F	0	0	67	0	0	0	0	132	287	153	0	16
17	L	0	0	46	0	0	0	31	184	288	135	0	17
18	O	0	0	112	0	0	0	97	194	285	131	0	18
19	W	0	0	125	16	0	0	99	202	270	143	0	19
20		9	0	134	27	0	0	99	227	256	151	0	20
21		91	0	151	26	0	0	100	211	257	177	0	21
22		58	0	145	25	0	0	101	173	255	200	0	22
23		6	0	149	25	0	0	98	130	252	203	0	23
24		6	0	122	24	0	0	97	146	242	172	0	24
25		0	0	80	12	0	0	97	194	208	133	0	25
26		0	17	66	0	0	0	97	219	151	114	0	26
27		0	49	69	0	0	0	99	235	128	48	0	27
28		0	53	70	0	0	0	97	225	130	9	0	28
29		0	50	54	0	0	0	98	230	124	7	0	29
30		0	50	13	0	0	0	94	234	119	17	0	30
31		0	51	0	0	0	0	98		144	138		31
MEAN													MEAN
MAX.													MAX.
MIN.		91	66	151	27	66	37	101	235	292	203	292	MIN.
AC. FT.		0	0	0	0	0	0	0	112	119	7	0	AC. FT.
		337	1680	4598	307	192	111	2842	9467	14303	8239	3065	

Total Acre-Feet 45141

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes 4155 Acre Feet of Tulare Company water July 17- Aug. 28th.		0		0			0	0	0	304		1
2			0		0			0	106	0	301		2
3			0		0			0	245	0	296		3
4			0		0			0	280	0	291		4
5			31		0			0	305	0	293		5
6			63		0			0	313	0	300		6
7			0		0			0	294	0	297		7
8			0		0			0	290	0	295		8
9			0		0			0	163	0	291		9
10			0		0			0	42	0	295		10
11			0		52			24	112	0	294		11
12	N	N	0	N	192	N	N	42	217	0	273	N	12
13	O	O	0	O	198	O	O	47	240	0	277	O	13
14			0		196			34	238	0	285		14
15			0		194			0	237	76	291		15
16	F	F	0	F	190	F	F	0	238	245	290	F	16
17	L	L	0	L	187	L	L	0	265	270	294	L	17
18	O	O	0	O	136	O	O	0	200	314	287	O	18
19	W	W	0	W	22	W	W	0	245	295	270	W	19
20			0		22			0	200	288	273		20
21			0		22			0	185	284	270		21
22			0		22			0	185	278	292		22
23			0		21			0	157	283	290		23
24			0		0			0	70	288	292		24
25			0		0			0	0	296	290		25
26			0		0			0	0	288	250		26
27			0		0			0	0	293	250		27
28			0		0			0	0	288	251		28
29			0		0			0	0	288	220		29
30			0		0			0	0	302	56		30
31			0		0			0	0	306	21		31
MEAN													MEAN
MAX.													MAX.
MIN.			63		198			47	313	314	304		MIN.
AC. FT.			0		0			0	0	0	21		AC. FT.
			186		2884			292	9574	9287	16421		

Total Acre-Feet 38644

TABLE B-7

TULARE IRRIGATION COMPANY CANAL

Point of diversion - Eight and one-half miles below McKay Point on the south bank of Kaweah Branch in the northeast quarter of Section 20, Township 18 South, Range 26 East, M.D.B. and M.

Maximum diversion capacity - 140 second-feet

Location of gaging station - 300 feet below head of canal in the northeast quarter of Section 20, Township 18 South, Range 26 East, M.D.B. and M.

Description of gaging station - Open channel section, staff gage and water stage recorder rated by frequent current meter measurements prior to installation of 10-foot Parshall flume in 1957

Operating agency - Tulare Irrigation Company

Gross service area - 7,300 acres

Period of record - Continuous from May 1, 1917, to September 30, 1918; no record for water year ending September 30, 1919; intermittent during 1920 prior to April 13, but continuous after April 13 to September 30, 1921; no records from October 1, 1921 to September 30, 1923; continuous from October 1, 1923 to current year

* Includes water from Ketchum Ditch

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum Ditch		15		7				0	103	31		1
2			38		22				0	101	36		2
3			38		25				0	101	41		3
4			37		26				0	101	41		4
5			35		26				0	101	37		5
6	Includes Central Valley Project Water February 1-20.		34		26				0	86	31		6
7			20		25				0	50	31		7
8			0		23				0	50	31		8
9			0		25				0	51	31		9
10			0		25				0	51	31		10
11			0		26				0	69	31		11
12	N	N	0	N	27	N	N	N	0	87	31	N	12
13	O	O	0	O	27	O	O	O	0	87	31	O	13
14			0		27				6	86	33		14
15			0		29				55	86	33		15
16	F	F	0	F	29	F	F	F	53	87	31	F	16
17	L	L	0	L	29	L	L	L	57	90	32	L	17
18	O	O	0	O	27	O	O	O	81	90	31	O	18
19	W	W	0	W	26	W	W	W	102	91	28	W	19
20			0		17				102	90	15		20
21			0		0				100	84	0		21
22			0		0				100	96	0		22
23			0		0				103	113	0		23
24			0		0				103	113	0		24
25			0		0				102	113	0		25
26			0		0				101	75	0		26
27			0		0				101	36	0		27
28			0		0				102	31	0		28
29			0						102	31	0		29
30			0						103	31	0		30
31			0							31	0		31
MEAN													MEAN
MAX.			38		29				103	113	41		MAX.
MIN.			0		0				0	31	0		MIN.
AC. FT.			430		978				2922	4784	1264		AC. FT.

Total Acre-Feet 10378

TABLE B-7 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0.0	80			1
2									0.0	78			2
3									0.0	86			3
4									0.0	106			4
5									0.0	106			5
6									0.0	106			6
7									0.0	84			7
8									0.0	57			8
9									0.0	0.0			9
10									0.0	0.0			10
11									0.0	0.0			11
12	N	N	N	N	N	N	N	N	0.0	0.0	N	N	12
13	O	O	O	O	O	O	O	O	0.0	0.0	O	O	13
14									0.0	0.0			14
15									0.0	0.0			15
16	F	F	F	F	F	F	F	F	0.0	0.0	F	F	16
17	L	L	L	L	L	L	L	L	0.0	0.0	L	L	17
18	O	O	O	O	O	O	O	O	0.0	0.0	O	O	18
19	W	W	W	W	W	W	W	W	0.0	0.0	W	W	19
20									0.0	0.0			20
21									15	0.0			21
22									53	0.0			22
23									61	0.0			23
24									62	0.0			24
25									62	0.0			25
26									61	0.0			26
27									61	0.0			27
28									66	0.0			28
29									75	0.0			29
30									77	0.0			30
31										0.0			31
MEAN									77	106			MEAN
MAX.									0	0			MAX.
MIN.									1176	1324			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2570

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	33	14	39	49	99	117		1
2				0	0	27	14	39	49	91	125		2
3				0	0	20	13	40	49	93	121		3
4				0	0	22	15	46	49	104	109		4
5				0	0	26	20	50	49	108	108		5
6				0	0	28	20	50	50	105	106		6
7				0	0	30	23	50	50	102	105		7
8				0	7	30	24	50	50	101	105		8
9				0	21	30	25	49	51	117	104		9
10				0	21	29	26	49	51	100	104		10
11				0	16	29	25	47	50	81	106		11
12	N	N	N	0	16	30	27	43	50	93	104	N	12
13	O	O	O	0	23	30	32	48	50	109	51	O	13
14				0	34	28	33	44	49	111	0		14
15				0	36	27	32	47	49	104	0		15
16	F	F	F	0	34	25	33	52	51	104	0	F	16
17	L	L	L	11	33	23	33	49	52	105	0	L	17
18	O	O	O	52	33	23	30	49	56	103	0	O	18
19	W	W	W	54	32	22	31	48	61	101	0	W	19
20				54	33	22	32	47	65	98	0		20
21				53	36	21	33	50	60	94	0		21
22				53	37	20	33	51	57	95	0		22
23				49	35	16	32	50	60	94	0		23
24				39	35	16	30	53	61	93	0		24
25				39	34	17	35	53	76	95	0		25
26				38	34	19	41	52	102	98	0		26
27				36	35	16	44	51	100	98	0		27
28				36	34	11	44	51	103	109	0		28
29				20	11	11	44	50	100	116	0		29
30				0	13	13	42	49	96	115	0		30
31				0	13	13		49		116	0		31
MEAN				54	37	33	44	53	103	116	125		MEAN
MAX.				0	0	11	13	39	49	81	0		MAX.
MIN.				1059	1228	1402	1745	2965	3660	6252	2707		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 21018

TABLE B-7 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water.			0	0	0	32	31	31	40	92		1
2				0	0	0	32	32	31	44	93		2
3				0	0	0	30	32	31	53	94		3
4	March 16-26 includes 20 cfs diverted for Evans Ditch.			0	0	0	28	32	31	67	93		4
5				0	7	0	25	32	31	66	93		5
6	Includes water from Ketchum Ditch.			0	31	20	26	32	32	74	93		6
7				0	31	55	27	32	32	90	93		7
8				0	31	55	27	33	32	91	91		8
9				0	31	55	27	31	32	94	90		9
10				0	31	55	27	31	32	107	90		10
11				0	31	47	29	31	32	102	93		11
12				0	31	34	31	31	32	108	96	N	12
13				0	31	32	31	31	32	84	91	O	13
14				0	31	31	31	31	31	78	59		14
15				0	31	38	31	31	29	76	49		15
16				0	31	45	31	31	29	75	66	F	16
17				0	30	55	29	31	32	80	72	L	17
18				9	30	52	31	30	39	93	65	O	18
19				27	29	49	32	29	39	94	56	W	19
20				28	28	51	32	29	40	99	38		20
21				28	27	50	31	29	40	96	24		21
22				28	26	50	31	29	40	97	18		22
23				28	25	50	31	30	40	95	11		23
24				27	25	50	31	30	40	94	0		24
25				25	12	50	31	30	40	93	0		25
26				24	0	38	31	31	40	94	0		26
27				24	0	31	31	31	40	93	0		27
28				23	0	31	30	31	40	93	0		28
29				14		32	31	31	40	95	0		29
30				0		32	31	31	40	93	0		30
31						32		31		93	0		31
MEAN													MEAN
MAX.				28	31	55	32	33	40	108	96		MAX.
MIN.				0	0	0	25	29	29	40	0		MIN.
AC. FT.				565	1150	2222	1781	1898	2083	5258	3293		AC. FT.

Total Acre-Feet 18250

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Central Valley Project water April 25-May 14th. Includes water from Ketchum Ditch.						0	26	0	43	29		1
2							0	26	0	102	29		2
3							0	26	7	114	28		3
4							0	26	23	121	34		4
5							0	26	23	115	50		5
6							0	26	28	113	51		6
7							0	26	26	106	51		7
8							0	26	25	102	50		8
9							0	26	24	100	44		9
10							0	26	27	100	45		10
11							0	25	33	104	36		11
12	N	N	N	N	N	N	0	24	34	103	33	N	12
13	O	O	O	O	O	O	0	26	34	101	40	O	13
14							0	18	36	102	49		14
15							0	0	37	106	51		15
16	F	F	F	F	F	F	0	0	39	96	53	F	16
17	L	L	L	L	L	L	0	0	36	33	52	L	17
18	O	O	O	O	O	O	0	0	31	6	54	O	18
19	W	W	W	W	W	W	0	0	30	19	66	W	19
20							0	0	32	30	71		20
21							0	0	32	30	71		21
22							0	0	33	30	73		22
23							0	0	49	30	73		23
24							0	0	67	30	73		24
25							5	0	76	30	73		25
26							16	0	65	30	72		26
27							16	0	18	30	71		27
28							16	0	18	30	72		28
29							19	0	18	30	55		29
30							26	0	18	29	11		30
31								0		28	0		31
MEAN													MEAN
MAX.							26	26	76	121	73		MAX.
MIN.							0	0	0	0	0		MIN.
AC. FT.							194	700	1823	4052	3094		AC. FT.

Total Acre-Feet 9863

TABLE B-8

TULARE IRRIGATION DISTRICT RELEASE INTO
LOWER KAWEAH RIVER AT MAIN CANAL SIFON

Point of Diversion - North side Lower Kaweah River north of center of Section 20, Township 18 South,

Range 26 East, M.D.B. & M.

Note: No diversion in 1969

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		TULARE IRRIGATION DISTRICT RELEASE INTO LOWER KAWEAH RIVER AT MAIN CANAL SIFON

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	No Diversions for years 1971, 1972, 1973, 1974.						0						1
2							0						2
3							0						3
4							0						4
5							0						5
6							0						6
7							0						7
8							0						8
9							0						9
10							0						10
11							0						11
12	N	N	N	N	N	N	0	N	N	N	N	N	12
13	O	O	O	O	O	O	7	O	O	O	O	O	13
14							15						14
15							14						15
16	F	F	F	F	F	F	12	F	F	F	F	F	16
17	L	L	L	L	L	L	10	L	L	L	L	L	17
18	O	O	O	O	O	O	10	O	O	O	O	O	18
19	W	W	W	W	W	W	8	W	W	W	W	W	19
20							7						20
21							12						21
22							23						22
23							46						23
24							44						24
25							50						25
26							58						26
27							59						27
28							57						28
29							53						29
30							0						30
31													31
MEAN							59						MEAN
MAX.							0						MAX.
MIN.							962						MIN.
AC. FT.													AC. FT.

Total Acre-Feet 962

TABLE B-9

FLEMING DITCH

Point of diversion - Nine and one-half miles below McKay Point on the north bank of Kaweah Branch in the northeast quarter of Section 19, Township 18 South, Range 26 East, M.D.B. and M.

Maximum diversion capacity - 26 second-feet

Location of gaging station - 300 feet below head of canal in the northeast quarter of Section 19,

Township 18 South, Range 26 East, M.D.B. and M., map designation 13

Description of gaging station - Open channel section, staff gage and water stage recorder rated by frequent current meter measurements prior to installation of 5-foot Parshall flume in 1959

Operating agency - Fleming Ditch Company

Gross service area - 1,700 acres

Period of record - 1917 to current year; intermittent during 1917 and 1920; no record during 1919 and 1923; continuous from April 13, 1920, to September 30, 1922, and from October 1, 1923, to current year

* Includes water from Ketchum Ditch

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum Ditch.					0.0			0.0	14.2	17.8	17.5	1
2						0.0			0.0	14.0	19.4	17.5	2
3						0.0			0.0	14.3	19.4	16.0	3
4						0.0			0.0	14.3	19.4	16.6	4
5						0.0			0.0	14.2	19.1	17.8	5
6						2.0			0.0	14.0	18.4	18.1	6
7						5.8			0.0	17.5	18.4	18.4	7
8						5.8			0.0	17.8	18.8	17.8	8
9						5.8			5.7	18.1	19.1	18.3	9
10						5.8			8.7	18.4	19.1	12.9	10
11						5.8			11.1	18.4	19.1	0.0	11
12	N	N	N	N	N	6.0	N	N	11.4	18.1	18.8	0.0	12
13	O	O	O	O	O	6.5	O	O	11.4	17.5	17.2	0.0	13
14						6.9			11.4	17.8	16.9	0.0	14
15						6.5			11.6	18.1	16.6	0.0	15
16	F	F	F	F	F	6.0	F	F	12.4	18.4	16.6	0.0	16
17	L	L	L	L	L	6.0	L	L	12.4	18.4	16.6	0.0	17
18	O	O	O	O	O	6.5	O	O	12.4	18.1	16.3	0.0	18
19	W	W	W	W	W	6.5	W	W	12.4	17.5	16.3	0.0	19
20						6.5			12.4	18.0	16.9	0.0	20
21						6.5			12.7	18.1	16.9	0.0	21
22						6.5			12.5	18.1	16.9	0.0	22
23						8.9			6.7	18.1	16.6	0.0	23
24						12.7			6.0	19.1	16.0	0.0	24
25						11.9			6.0	18.8	16.3	0.0	25
26						11.9			9.1	18.4	16.9	0.0	26
27						11.9			14.3	18.1	16.9	0.0	27
28						11.9			14.6	17.8	16.9	0.0	28
29						10.6			15.4	17.8	16.2	0.0	29
30						2.6			15.0	17.8	17.5	0.0	30
31						0.0				17.8	18.4		31
MEAN						12.7			15.4	19.1	19.4	18.4	MEAN
MAX.						0			0	14.0	16.0	0	MAX.
MIN.						365			487	1065	1082	339	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3338

TABLE B-9 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum Ditch.		0.0		0.0	13.8	0.0	8.3	0.0	18.8	17.0		1
2			0.0		0.0	13.8	0.0	8.9	0.0	18.5	17.0		2
3			0.0		0.0	13.2	0.0	0.0	0.0	18.2	16.6		3
4			0.0		0.0	12.7	0.0	0.0	0.0	18.4	16.4		4
5			0.0		0.0	12.7	0.0	0.0	0.0	18.8	16.4		5
6			0.0		0.0	13.2	0.0	0.0	7.3	18.4	16.3		6
7			0.0		0.0	13.2	0.0	0.0	12.4	18.4	16.0		7
8			0.0		0.0	14.3	0.0	0.0	12.7	19.0	16.0		8
9			0.0		0.0	13.7	0.0	0.0	12.5	18.8	9.6		9
10			0.0		0.0	13.2	0.0	0.0	12.7	18.4	2.0		10
11			0.0		0.0	13.2	0.0	0.0	12.1	18.0	1.9		11
12	N O	N O	0.0	N O	0.0	13.7	0.0	0.0	12.1	18.0	1.3	N O	12
13			0.0		0.0	12.9	0.0	0.0	12.1	18.0	1.2		13
14			0.0		0.0	13.2	0.0	0.0	15.5	18.0	1.1		14
15			0.0		0.0	12.9	0.0	0.0	17.5	18.0	0.0		15
16			3.4		0.0	13.3	0.0	0.0	17.8	18.0	0.0		16
17	F L O W	F L O W	6.0	F L O W	0.0	11.1	0.0	0.0	17.9	18.0	0.0	F L O W	17
18			6.0		0.0	9.4	0.0	0.0	17.9	18.0	0.0		18
19			5.0		0.0	6.7	0.0	0.0	17.9	17.6	0.0		19
20			4.0		0.0	6.7	0.0	0.0	17.9	17.5	0.0		20
21			0.0		0.0	6.7	0.0	0.0	17.9	17.5	0.0		21
22			0.0		3.0	6.6	0.0	0.0	17.6	17.2	0.0		22
23			0.0		5.8	6.7	0.0	0.0	16.0	17.0	0.0		23
24			0.0		9.1	6.7	0.0	0.0	12.2	17.0	0.0		24
25			0.0		12.9	5.6	0.0	0.0	11.6	17.0	0.0		25
26			0.0		12.9	0.0	0.0	0.0	11.6	17.0	0.0		26
27			0.0		12.9	0.0	2.0	0.0	11.9	17.5	0.0		27
28			0.0		12.9	0.0	3.8	0.0	12.0	17.4	0.0		28
29			0.0		12.9	0.0	7.3	0.0	13.2	17.0	0.0		29
30			0.0			0.0		0.0	16.6	17.0	0.0		30
31			0.0			0.0		0.0		17.0	0.0		31
MEAN													MEAN
MAX.			6.0		12.9	14.3	7.3	8.9	17.9	19.0	17.0		MAX.
MIN.			0.0		0.0	0.0	0.0	0.0	0.0	17.0	0.0		MIN.
AC. FT.			48		163	554	26	34	708	1098	295		AC. FT.

Total Acre-Feet 2926

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum Ditch						0.0	11.9	11.4	15.3	18.9		1
2							0.0	11.6	11.1	14.6	18.9		2
3							0.0	11.4	11.0	15.0	17.4		3
4							0.0	11.1	13.5	16.3	17.2		4
5							0.0	11.1	16.6	16.3	17.2		5
6							0.0	10.7	16.0	16.3	17.2		6
7							0.0	10.9	16.2	16.0	17.2		7
8							0.0	11.1	16.2	16.0	16.6		8
9							0.0	10.9	16.2	16.0	16.6		9
10							0.0	10.3	16.2	15.8	10.2		10
11							0.0	10.6	16.2	15.8	6.5		11
12	N O	N O	N O	N O	N O	N O	0.0	11.9	16.2	15.8	5.7	N O	12
13							0.0	11.9	16.3	15.8	6.9		13
14							0.0	11.9	16.3	15.8	5.1		14
15							0.0	11.9	15.5	15.8	4.7		15
16							0.0	11.9	14.3	15.8	4.3		16
17	F L O W	F L O W	F L O W	F L O W	F L O W	F L O W	0.0	11.8	13.6	15.8	2.4	F L O W	17
18							0.0	11.5	15.0	15.8	2.4		18
19							0.0	11.9	16.9	15.8	2.5		19
20							0.0	11.8	18.6	15.7	2.8		20
21							0.0	11.5	18.0	15.3	2.7		21
22							0.0	12.0	16.3	14.7	3.7		22
23							7.6	12.5	14.5	14.6	4.3		23
24							11.4	12.5	14.6	14.6	4.3		24
25							11.8	11.9	14.9	14.6	4.3		25
26							11.9	11.8	14.9	14.6	4.3		26
27							11.9	11.6	14.3	14.7	4.3		27
28							11.9	11.6	14.5	14.7	1.5		28
29							11.9	11.6	14.5	14.9	0.0		29
30							11.9	11.6	15.2	14.9	0.0		30
31							11.9	11.6		17.1	0.0		31
MEAN													MEAN
MAX.							11.9	12.5	18.6	17.1	18.9		MAX.
MIN.							0	10.3	11.0	14.6	0		MIN.
AC. FT.							179	711	902	952	476		AC. FT.

Total Acre-Feet 3220

TABLE B-9 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water. Includes water from Ketchum Ditch.						0.0	12.8	17.8	14.2	11.2		1
2							0.0	12.7	18.1	13.8	11.9		2
3							0.0	13.6	17.4	13.2	12.3		3
4							0.0	13.8	16.0	12.4	12.4		4
5							0.0	13.8	16.9	11.5	12.4		5
6							0.0	13.6	17.4	10.8	12.7		6
7							0.0	13.6	15.8	10.3	12.9		7
8							0.0	14.2	14.6	10.7	12.1		8
9							5.6	14.9	14.6	11.0	10.6		9
10							10.5	16.0	17.8	11.8	10.3		10
11							12.1	16.8	22.4	11.9	10.3		11
12					N	N	11.5	16.5	22.6	12.4	10.3	N	12
13					O	O	12.1	15.6	20.3	12.9	9.9	O	13
14							12.7	16.8	16.8	12.9	7.5		14
15							12.7	16.9	14.9	12.9	8.7		15
16					F	F	12.3	16.3	14.6	12.8	11.1	F	16
17					L	L	10.9	16.0	14.0	12.9	10.9	L	17
18					O	O	12.1	15.6	13.1	13.2	10.2	O	18
19					W	W	13.8	15.5	11.6	13.2	7.4	W	19
20							13.8	15.5	12.3	13.2	10.1		20
21							13.8	15.5	14.2	13.2	10.7		21
22							14.0	15.8	14.5	12.6	11.8		22
23							14.0	15.8	14.8	11.6	13.6		23
24							14.0	15.8	14.6	11.6	6.3		24
25							13.8	15.9	13.9	11.9	0.0		25
26							13.8	15.8	14.0	12.1	0.0		26
27							13.8	15.8	13.5	12.0	0.0		27
28							12.7	16.6	13.5	11.6	0.0		28
29							12.5	17.1	13.8	12.1	0.0		29
30							13.2	17.2	14.3	11.9	0.0		30
31								17.2		11.5	0.0		31
MEAN													MEAN
MAX.							14.0	17.2	22.6	14.2	13.6		MAX.
MIN.							0.0	12.7	11.6	10.3	0.0		MIN.
AC. FT.							547	950	932	754	511		AC. FT.

Total Acre-Feet 3694

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water April 23-May 10th. Includes water from Ketchum Ditch.					0	0	15.5	16.9	8.0	13.6		1
2						0	0	15.5	15.6	10.5	12.5		2
3						0	0	16.0	15.6	11.8	13.1		3
4						5.9	0	16.3	7.3	11.4	12.5		4
5						11.1	0	16.3	7.3	11.1	12.1		5
6						11.5	0	12.0	7.3	11.1	11.7		6
7						11.0	0	11.2	7.4	11.1	11.9		7
8						11.0	0	11.2	5.9	11.4	7.9		8
9						11.9	0	11.4	5.6	11.4	0.0		9
10						11.9	0	11.9	11.2	11.5	0.0		10
11						11.5	0	12.3	16.3	11.5	0.0		11
12	N	N	N	N	N	11.4	0	11.5	15.8	12.3	5.3	N	12
13	O	O	O	O	O	11.5	0	9.6	13.6	12.4	9.4	O	13
14						12.0	4.6	14.0	14.3	12.1	8.2		14
15						10.9	9.7	15.6	15.8	12.4	8.0		15
16	F	F	F	F	F	10.5	9.6	15.5	17.2	12.3	8.0	F	16
17	L	L	L	L	L	10.7	7.2	15.8	19.4	12.8	8.0	L	17
18	O	O	O	O	O	10.1	7.0	16.6	16.2	13.4	6.5	O	18
19	W	W	W	W	W	8.0	4.6	16.3	13.8	13.5	2.0	W	19
20						8.3	3.7	17.5	15.8	13.5	1.1		20
21						7.6	5.2	16.7	16.3	13.4	0.7		21
22						8.0	11.7	16.3	16.3	12.7	1.4		22
23						7.5	10.7	16.2	16.3	12.1	1.5		23
24						6.9	9.5	16.3	16.2	11.6	1.4		24
25						1.2	9.5	16.3	16.2	11.2	1.1		25
26						0	10.6	16.3	15.5	10.9	1.1		26
27						0	12.0	16.3	13.9	10.7	0.0		27
28						0	11.2	16.5	11.1	10.9	0.0		28
29						0	10.9	16.7	8.9	10.7	0.0		29
30						0	13.2	16.6	7.5	11.6	0.0		30
31						0		16.4		12.7	0.0		31
MEAN													MEAN
MAX.						12.0	13.2	17.5	19.4	13.5	13.6		MAX.
MIN.						0	0	9.6	5.6	8.0	0.0		MIN.
AC. FT.						417	299	918	786	722	317		AC. FT.

Total Acre-Feet 3459

TABLE B-10

PACKWOOD CREEK FROM LOWER KAWEAH RIVER

Point of diversion - Eleven and one-quarter miles below McKay Point at the point of bifurcation of the Kaweah Branch into Packwood and Mill Creeks in the northwest quarter of Section 25, Township 18 South, Range 25 East, M.D.B. and M.

Maximum diversion capacity - 465 second-feet

Location of gaging station - Prior to 1940, 1 mile below head of creek in the southeast quarter of Section 26, Township 18 South, Range 25 East, M.D.B. and M. From 1940 to 1954, three-quarters of a mile below the head of creek in same section. After 1954, 100 yards below head of creek near the west line of the northwest quarter of Section 25, Township 18 South, Range 25 East, M.D.B. and M.

Description of gaging station - Open channel section, staff gage and water stage recorder rated by frequent current meter measurements prior to installation of 15-foot Parshall flume in September 1954

Operating agency - Packwood Canal Company through 1948; Tulare Irrigation District thereafter

Gross service area - 15,000 acres

Period of record - 1918 to current year; intermittent during the years ending September 30, 1919, and 1925; no records for the year ending September 30, 1923; continuous from October 1, 1917, to September 30, 1918, from October 1, 1919, to September 30, 1922, from October 1, 1923, to September 30, 1924, and from October 1, 1925, to current year

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		PACKWOOD CREEK FROM LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			6										1
2			47										2
3			83										3
4			83										4
5			47	All Kaweah River water.									5
6			47										6
7			31										7
8			0.0										8
9			0.0										9
10			0.0										10
11			0.0										11
12	N	N	0.0	N	N	N	N	N	N	N	N	N	12
13	O	O	0.0	O	O	O	O	O	O	O	O	O	13
14			0.0										14
15			0.0										15
16	F	F	0.0	F	F	F	F	F	F	F	F	F	16
17	L	L	0.0	L	L	L	L	L	L	L	L	L	17
18	O	O	0.0	O	O	O	O	O	O	O	O	O	18
19	W	W	0.0	W	W	W	W	W	W	W	W	W	19
20			0.0										20
21			0.0										21
22			0.0										22
23			0.0										23
24			0.0										24
25			0.0										25
26			0.0										26
27			0.0										27
28			0.0										28
29			0.0										29
30			0.0										30
31			0.0										31
MEAN													MEAN
MAX.			83										MAX.
MIN.			0.0										MIN.
AC. FT.			682										AC. FT.

Total Acre-Feet 682

TABLE B-10 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		PACKWOOD CREEK FROM LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N	N	N	N	N	N	N	N	12
13	O	O	O	O	O	O	O	O	O	O	O	O	13
14													14
15													15
16	F	F	F	F	F	F	F	F	F	F	F	F	16
17	L	L	L	L	L	L	L	L	L	L	L	L	17
18	O	O	O	O	O	O	O	O	O	O	O	O	18
19	W	W	W	W	W	W	W	W	W	W	W	W	19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		PACKWOOD CREEK FROM LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	0	58	7	55	34	63	153	Includes water from Pack-wood Canal. Includes Central Valley Project water.			1
2		0	0	55	0	44	31	77	129				2
3		0	0	28	0	37	22	75	129				3
4		0	0	25	0	37	23	72	134				4
5		0	0	24	0	42	41	71	130				5
6		0	0	27	12	52	50	43	145				6
7		0	0	28	49	57	53	16	156				7
8		0	0	19	46	58	55	16	160				8
9		0	0	31	48	58	53	16	161				9
10		0	0	54	58	57	51	15	163				10
11		0	0	64	37	58	51	6	161				11
12	N	0	0	91	51	65	53	0	145	N	N	N	12
13	O	0	0	96	75	85	70	0	155	O	O	O	13
14		0	0	97	88	80	71	0	162				14
15		0	0	98	122	68	71	21	162				15
16	F	0	0	82	124	68	71	133	105	F	F	F	16
17	L	29	0	109	105	46	70	148	0	L	L	L	17
18	O	69	0	87	104	46	60	161	0	O	O	O	18
19	W	80	0	153	104	39	60	156	14	W	W	W	19
20		50	0	161	103	41	60	161	109				20
21		0	0	151	101	45	52	153	101				21
22		9	0	139	101	49	72	140	61				22
23		28	0	101	96	41	69	152	0				23
24		20	0	74	91	39	68	151	0				24
25		20	0	74	93	44	65	164	0				25
26		22	0	64	81	50	50	167	0				26
27		25	0	57	68	47	44	169	0				27
28		5	0	56	63	41	47	170	0				28
29		0	18	56		39	43	175	0				29
30			53	35		35	47	175	0				30
31			56	20		34		167					31
MEAN													MEAN
MAX.		80	56	161	124	85	72	175	163				MAX.
MIN.		0	0	19	0	34	22	0	0				MIN.
AC. FT.		708	252	4391	3624	3088	3187	6016	5227				AC. FT.

Total Acre-Feet 26493

TABLE B-10 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME	
1974			PACKWOOD CREEK FROM LOWER KAWEAH RIVER	

FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
0	0	28	21	58				1
0	13	87	20	60				2
0	29	63	25	48				3
0	29	40	25	25				4
7	11	26	24	32				5
48	0	27	24	22				6
48	0	33	21	26				7
47	0	33	16	25				8
46	0	16	20	23				9
46	0	9	37	22				10
45	0	9	46	22				11
46	0	9	45	21	N	N	N	12
46	0	16	44	19	O	O	O	13
46	0	43	49	22				14
36	0	44	56	27				15
36	7	34	52	26	P	P	F	16
35	30	15	50	24	L	L	L	17
34	36	24	42	21	O	O	O	18
24	38	39	41	11	W	W	W	19
0	38	39	41	12				20
0	39	39	41	27				21
0	38	40	43	45				22
0	37	40	42	50				23
0	39	40	37	46				24
0	39	39	34	36				25
0	31	39	39	26				26
0	33	39	40	10				27
0	28	33	40	6				28
	29	30	50	0				29
	29	34	51	0				30
	31		50					31
48	39	87	56	60				MEAN
0	0	9	16	0				MAX.
1170	1198	1997	2313	1571				MIN. AC. FT.

Total Acre-Feet 10706

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME	
1975			PACKWOOD CREEK FROM LOWER KAWEAH RIVER	

FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
0	8	17	20	11	8			1
0	8	10	22	17	8			2
0	8	9	34	58	12			3
0	9	8	35	41	16			4
0	9	0	35	33	17			5
0	9	0	45	45	13			6
0	9	0	46	68	9			7
0	9	0	41	14	9			8
0	9	0	43	14	9			9
0	12	0	40	14	9			10
41	12	0	25	14	8			11
34	12	0	11	13	8	N	N	12
22	12	0	10	11	8	O	O	13
13	12	0	20	11	5			14
12	10	0	20	14	0			15
9	10	0	16	42	0			16
8	10	0	14	97	0	F	F	17
8	9	0	14	76	0	L	L	18
8	8	0	13	13	0	O	O	19
8	8	0	11	11	0	W	W	20
8	8	10	11	12	0			21
8	9	28	10	13	0			22
8	9	29	10	13	0			23
8	10	31	10	10	0			24
8	11	31	10	8	0			25
8	50	31	10	8	0			26
8	24	31	10	7	0			27
8	21	31	10	7	0			28
	26	27	12	7	0			29
	28	21	12	7	0			30
	28		11		0			31
41	50	31	46	97	17			MEAN
0	8	0	10	7	0			MAX.
450	827	623	1252	1406	276			MIN.
								AC. FT.

Total Acre-Feet 8890

TABLE B-11

OAKES DITCH

Point of diversion - 11-1/2 miles below McKay Point on the south bank of Mill Creek in the northwest quarter of Section 25, Township 18 South, Range 25 East, M.D.B. and M.

Maximum diversion capacity - 30 second-feet

Location of gaging station - Prior to April 1940, one-half mile below head of ditch in southeast quarter of Section 26, Township 18 South, Range 25 East, M.D.B. and M. From 1940 to 1958, near the center of Section 26. After 1958, 30 feet below the head of ditch near the east line of Section 26, Township 18 South, Range 25 East, M.D.B. and M.

Description of gaging station - Open channel section, staff gage and water stage recorder rated by frequent current meter measurements prior to 1930. A Venturi meter installed in 1930 and destroyed in the flood of December 1937 has not been replaced. From April 1940 to the fall of 1958, measurements were made by means of a water stage recorder located above a concrete weir. Since 1958, measurements have been made by means of a 5-foot Parshall flume.

Operating agency - Oakes Ditch Company

Gross service area - 1,200 acres

Period of record - 1917 to 1937; 1940 to 1970; intermittent during 1917 and 1918; no records during the years ending September 30, 1919, 1923, 1938, and 1939; continuous from April 16, 1920, to September 30, 1922, and from October 1, 1923, to September 30, 1937; continuous from April 18, 1940, to current year.

Includes water from Ketchum Ditch for Visalia and Kaweah Water Company.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum Ditch.					0.0				10.3	10.1		1
2						5.1				11.1	11.6		2
3						4.9				11.9	11.9		3
4						4.9				11.6	11.6		4
5						6.5				10.9	11.1		5
6						8.2				10.5	11.1		6
7						6.9				11.2	11.1		7
8						5.6			0.0	11.2	11.4		8
9						5.8			8.9	9.0	11.4		9
10						4.9			11.1	8.3	10.6		10
11						4.9			11.6	7.1	8.4		11
12	N	N	N	N	N	4.9	N	N	10.1	7.0	11.6	N	12
13	O	O	O	O	O	4.9	O	O	11.3	10.4	10.8	O	13
14						4.9			11.8	10.6	10.3		14
15						5.3			11.3	11.6	10.3		15
16	F	F	F	F	F	5.4	F	F	11.1	9.0	10.3	F	16
17	L	L	L	L	L	5.4	L	L	10.6	7.0	10.3	L	17
18	O	O	O	O	O	5.6	O	O	10.6	7.1	10.6	O	18
19	W	W	W	W	W	7.1	W	W	10.3	7.1	10.9	W	19
20						9.6			12.4	7.7	10.9		20
21						9.9			11.1	8.6	10.9		21
22						8.7			10.3	10.6	7.5		22
23						4.7			10.1	10.6	0.0		23
24						4.9			10.6	11.4	0.0		24
25						5.1			10.8	11.9	0.0		25
26						5.2			10.6	11.3	0.0		26
27						5.4			10.6	9.6	0.0		27
28						5.6			10.9	6.7	0.0		28
29						3.4			11.1	6.7	0.0		29
30						0.0			10.6	6.7	0.0		30
31						0.0				8.0	0.0		31
MEAN						9.9			12.4	11.9	11.9		MEAN
MAX.						0.0			0.0	7.0	0.0		MAX.
MIN.						325			472	581	466		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1844

TABLE B-II (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum Ditch.			0.0	0.0	6.9			0.0	6.3			1
2				0.0	0.0	7.0			0.0	5.8			2
3				0.0	0.0	7.0			0.0	5.8			3
4				0.0	0.0	6.5			0.0	7.5			4
5				0.0	0.0	6.3			0.0	11.1			5
6				0.0	0.0	6.5			0.9	10.4			6
7				0.0	0.0	6.9			7.5	10.1			7
8				0.0	0.0	8.2			10.6	10.5			8
9				0.0	2.4	9.4			14.9	9.7			9
10				0.0	4.5	9.7			14.3	8.9			10
11				0.0	4.5	9.6			9.9	8.9			11
12	N	N	N	0.0	6.9	9.6	N	N	9.6	9.4	N	N	12
13	O	O	O	0.0	7.3	9.6	O	O	10.9	9.9	O	O	13
14				0.0	7.3	9.7			10.3	10.6			14
15				0.0	6.7	9.9			9.9	10.9			15
16	F	F	F	0.0	6.7	8.4	F	F	10.1	10.6	F	F	16
17	L	L	L	0.0	6.5	8.6	L	L	10.3	5.4	L	L	17
18	O	O	O	0.0	6.9	7.3	O	O	11.4	0.0	O	O	18
19	W	W	W	0.0	7.5	5.6	W	W	10.1	0.0	W	W	19
20				0.0	7.7	5.8			14.0	0.0			20
21				0.0	7.5	5.6			11.9	0.0			21
22				0.0	7.1	5.4			11.6	0.0			22
23				0.0	7.3	5.2			10.4	0.0			23
24				0.0	6.5	5.3			10.1	0.0			24
25				1.3	6.5	4.9			11.1	0.0			25
26				5.1	6.7	0.0			10.9	0.0			26
27				5.3	6.7	0.0			8.3	0.0			27
28				5.4	6.7	0.0			6.4	0.0			28
29				5.4	6.7	0.0			6.0	0.0			29
30				1.8		0.0			5.4	0.0			30
31				0.0		0.0				0.0			31
MEAN													MEAN
MAX.				51.4	7.5	9.9			14.9	11.1			MAX.
MIN.				0.0	0.0	0.0			0.0	0.0			MIN.
AC. FT.				48	271	367			490	301			AC. FT.

Total Acre-Feet 1477

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum Ditch.			0.0	0.0	4.5	4.0	6.7	11.1	11.3	12.1		1
2				0.0	0.0	0.0	4.0	6.7	11.1	10.6	12.1		2
3				0.0	0.0	0.0	4.0	6.6	11.1	9.6	12.1		3
4				0.0	0.0	0.0	4.2	6.5	11.1	7.1	12.1		4
5				0.0	0.0	2.1	4.6	6.3	11.1	7.5	12.7		5
6				0.0	0.0	5.1	4.7	6.2	11.1	7.5	8.7		6
7				0.0	0.0	5.9	4.9	7.3	11.0	9.4	7.5		7
8				0.0	0.0	6.0	4.9	13.1	10.3	9.1	9.6		8
9				0.0	0.0	5.9	4.9	12.1	10.9	9.5	11.4		9
10				0.0	0.0	5.6	4.7	10.1	10.3	9.0	14.9		10
11				0.0	0.0	5.9	4.7	9.6	10.3	9.7	14.9		11
12	N	N	N	0.0	0.0	6.7	4.9	9.4	10.2	10.3	13.5	N	12
13	O	O	O	0.0	0.0	8.7	6.0	8.2	10.5	9.7	12.7	O	13
14				0.0	0.0	7.1	6.1	0.0	10.3	9.9	7.3		14
15				0.0	0.0	5.4	6.2	0.0	10.3	7.1	3.8		15
16	F	F	F	2.0	0.0	4.9	6.2	0.0	9.1	7.1	9.6	F	16
17	L	L	L	7.0	0.0	4.9	6.1	0.0	9.7	8.0	2.7	L	17
18	O	O	O	7.5	0.0	5.4	5.7	7.1	9.6	10.1	6.9	O	18
19	W	W	W	7.0	0.0	5.6	5.7	11.6	11.1	7.7	7.0	W	19
20				7.5	2.1	6.7	5.9	11.6	9.6	7.6	7.1		20
21				7.0	7.1	6.2	7.5	11.4	10.5	6.5	8.2		21
22				6.8	6.7	5.2	7.5	11.5	10.8	5.2	9.9		22
23				8.1	4.5	4.8	7.5	11.4	10.9	6.5	9.6		23
24				8.7	5.6	4.7	7.5	11.6	11.2	6.5	9.1		24
25				9.4	6.1	4.7	7.3	11.8	11.1	5.6	9.1		25
26				5.6	7.3	5.2	6.7	12.0	10.9	4.9	9.0		26
27				2.5	7.6	4.9	6.7	11.5	10.1	4.7	6.2		27
28				2.0	6.9	4.5	6.6	11.5	10.6	1.4	2.0		28
29				0.0	0.0	4.3	6.5	12.1	10.6	6.2	0.0		29
30				1.0		4.0	6.5	11.9	8.2	4.0	0.0		30
31				1.9		4.0		11.1		19.1	0.0		31
MEAN													MEAN
MAX.				9.4	7.6	8.7	7.5	13.1	11.2	19.1	14.9		MAX.
MIN.				0.0	0.0	0.0	4.0	0.0	8.2	1.4	0.0		MIN.
AC. FT.				167	107	295	343	529	624	492	519		AC. FT.

Total Acre-Feet 3076

TABLE B-II (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water.					4.9	12.1	8.8	12.9	10.2	12.5		1
2						9.7	10.5	8.4	13.9	9.4	14.9		2
3						10.5	3.3	8.9	14.0	9.0	10.0		3
4						9.7	0.0	8.9	11.6	8.7	5.8		4
5						8.2	0.0	8.9	12.0	9.0	7.1		5
6	Includes water from Ketchum Ditch.					8.0	0.0	8.9	12.1	9.0	8.4		6
7						7.7	0.0	8.7	13.8	8.6	8.4		7
8						7.3	2.5	9.7	12.7	8.4	7.5		8
9						6.7	4.9	11.1	12.4	8.7	6.7		9
10						6.2	5.1	12.4	12.9	8.9	7.9		10
11						6.2	2.9	12.4	13.3	8.9	7.9		11
12	N	N	N	N	N	6.7	0.0	11.6	13.5	7.6	8.0	N	12
13	O	O	O	O	O	8.1	0.0	12.1	12.5	6.2	8.9		13
14						8.0	0.0	12.7	6.9	6.0	9.1		14
15						5.4	3.5	13.2	8.4	6.5	10.7		15
16	F	F	F	F	F	8.7	4.5	12.9	8.1	8.7	11.4	F	16
17	L	L	L	L	L	9.7	7.2	12.9	8.7	9.3	7.5		17
18	O	O	O	O	O	9.0	11.1	12.7	13.2	12.5	5.7		18
19	W	W	W	W	W	10.0	10.9	12.5	11.5	13.8	3.2		19
20						12.5	10.9	12.4	11.0	15.0	0.0		20
21						11.4	10.9	12.1	12.9	14.7	0.0		21
22						10.6	10.9	12.8	12.4	10.2	0.0		22
23						10.3	10.9	13.2	11.8	5.5	0.0		23
24						10.6	10.9	11.0	12.0	5.0	0.0		24
25						10.6	11.9	10.2	11.4	5.7	0.0		25
26						11.1	14.3	11.2	9.4	11.0	0.0		26
27						11.8	14.6	12.5	6.5	10.9	0.0		27
28						12.8	13.8	13.6	8.0	9.5	0.0		28
29						12.1	11.1	13.2	10.0	11.0	0.0		29
30						12.1	10.2	12.9	10.5	12.0	0.0		30
31						12.1		12.9		12.8	0.0		31
MEAN						12.8	14.6	13.6	14.0	15.0	14.9		MEAN
MAX.						4.9	0.0	8.4	6.5	5.0	0.0		MAX.
MIN.						573	414	706	675	581	321		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3270

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water April 25-29th.			0	3.2	4.7	0	7.5	6.5	6.9	7.5		1
2				0	3.4	4.7	0	6.9	6.9	6.6	8.2		2
3				0	4.5	4.7	0	5.1	8.4	5.8	8.0		3
4				0	4.4	4.8	0	4.5	9.1	5.1	6.7		4
5				0	4.4	4.7	0	7.1	8.1	5.4	7.2		5
6	Includes water from Ketchum Ditch.			0	4.2	4.7	0	9.2	5.4	5.4	9.9		6
7				0	4.0	4.6	0	10.2	5.0	7.5	11.5		7
8				0	3.7	4.5	0	12.7	4.4	11.6	16.7		8
9				0	3.3	4.6	0	14.0	4.1	11.4	14.6		9
10				0	2.7	4.5	0	12.5	6.2	8.7	15.2		10
11				0	2.4	4.5	0	11.9	6.7	5.5	14.6		11
12	N	N	N	0	2.0	4.4	0	10.1	8.2	6.9	15.6	N	12
13	O	O	O	0	3.8	4.3	0	8.4	6.7	6.9	14.6		13
14				0	4.0	6.9	0	6.9	9.3	4.7	10.9		14
15				0	4.0	7.3	0	7.1	15.8	4.5	10.7		15
16	F	F	F	0	4.1	7.1	0	5.8	12.1	7.1	11.8	F	16
17	L	L	L	0	4.1	7.2	0	4.3	8.9	10.9	11.6		17
18	O	O	O	0	4.5	6.9	0	4.6	8.9	10.2	7.5		18
19	W	W	W	0	4.1	5.1	0	4.1	9.1	11.6	0		19
20				0	4.7	6.2	0	9.5	8.7	12.9	0		20
21				0	4.7	3.5	0	10.3	9.4	11.6	0		21
22				0	4.7	0	5.6	10.6	9.1	11.1	0		22
23				0	4.7	0	8.8	10.3	8.9	9.9	0		23
24				0	4.7	0	6.5	6.6	7.4	8.9	0		24
25				0	4.7	0	6.9	7.2	5.4	9.4	0		25
26				0	4.7	0	7.6	8.1	4.7	10.2	0		26
27				0	4.7	0	7.6	7.4	2.5	10.2	0		27
28				0	4.7	0	8.4	7.5	4.3	10.3	0		28
29				0	0	0	9.0	6.9	5.8	8.7	0		29
30				0	0	0	7.8	6.2	5.6	7.4	0		30
31				2.0	0	0	0	6.5	6.3	7.7	0		31
MEAN				2.0	4.7	7.3	9.0	14.0	15.8	12.9	16.7		MEAN
MAX.				0	2.0	0	0	4.1	2.5	4.5	0		MAX.
MIN.				4	224	218	135	496	641	518	402		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2438

TABLE B-12

EVANS DITCH

Point of diversion - Thirteen miles below McKay Point on the south bank of Mill Creek in the southeast quarter of Section 27, Township 18 South, Range 25 East, M.D.B. and M.

Maximum diversion capacity - 72 second-feet

Location of gaging station - One-half mile below head of ditch in southwest quarter of Section 27, Township 18 South, Range 25 East, M.D.B. and M.

Description of gaging station - A concrete weir 10 feet long across the head of Evans Ditch and a staff gage and water stage recorder above the weir. An accurate relationship has been established between water level at the recorder and flow over the weir.

Operating agencies - Evans Ditch Company

Gross service area - 4,250 acres

Period of record - 1917 to 1970; intermittent during the years ending September 30, 1917, and 1918; no record during the year ending September 30, 1919; continuous from October 1, 1919 to current year

Includes water from Ketchum Ditch for Visalia and Kaweah Water Company

WATER YEAR	STATION NO.	STATION NAME
1971		EVANS DITCH

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum Ditch.		0.0	12	0.0	33			0.0	45	33		1
2			0.0	12	0.0	34			0.0	40	37		2
3			0.0	12	0.0	34			0.0	46	35		3
4			0.0	5	0.0	33			0.0	47	34		4
5			0.0	0.0	0.0	34			0.0	47	34		5
6			0.0	0.0	0.0	32			0.0	35	34		6
7			0.0	0.0	0.0	30			0.0	35	35		7
8			0.0	0.0	0.0	30			0.0	37	35		8
9			0.0	0.0	12	30			16	36	35		9
10			0.0	0.0	19	29			31	43	36		10
11			0.0	0.0	19	29			42	43	35		11
12	N	N	0.0	0.0	26	30	N	N	41	41	30	N	12
13	O	O	0.0	0.0	28	32	O	O	40	37	5	O	13
14			0.0	0.0	23	34			40	40	r		14
15			0.0	0.0	23	35			39	41	0.0		15
16	F	F	0.0	0.0	30	33	F	F	41	42	0.0	F	16
17	L	L	7	0.0	30	33	L	L	36	36	0.0	L	17
18	O	O	13	0.0	30	32	O	O	39	35	0.0	O	18
19	W	W	15	0.0	31	32	W	W	36	34	0.0	W	19
20			15	0.0	34	32			31	34	0.0		20
21			15	0.0	37	32			34	35	0.0		21
22			16	0.0	40	31			43	34	0.0		22
23			16	0.0	42	24			36	34	0.0		23
24			15	0.0	38	19			41	35	0.0		24
25			13	0.0	35	16			48	36	0.0		25
26			13	0.0	34	16			49	37	0.0		26
27			13	0.0	33	16			49	38	0.0		27
28			13	0.0	33	17			50	37	0.0		28
29			13	0.0		13			50	34	0.0		29
30			13	0.0		0.0			46	33	0.0		30
31			13	0.0		0.0				31	0.0		31
MEAN													MEAN
MAX.			16	12	42	35			50	47	37		MAX.
MIN.			0	0	0	0			0	31	0		MIN.
AC. FT.			403	81	1184	1636			1742	2337	839		AC. FT.

Total Acre-Feet 8222

TABLE B-12 (Contd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum Ditch.			0.0	22	22			0.0	40			1
2				0.0	21	22			0.0	38			2
3				0.0	21	24			0.0	34			3
4				0.0	22	26			0.0	33			4
5				0.0	24	26			0.0	34			5
6				0.0	24	26			0.0	32			6
7				0.0	24	27			12	33			7
8				0.0	22	31			24	38			8
9				0.0	21	28			25	34			9
10				0.0	20	30			34	31			10
11				0.0	21	32			37	31			11
12	N	N	N	0.0	26	31	N	N	39	32	N	N	12
13	O	O	O	0.0	31	30	O	O	40	32	O	O	13
14				0.0	28	30			39	32			14
15				0.0	26	29			34	31			15
16	F	F	F	0.0	25	26	F	F	37	31	F	F	16
17	L	L	L	0.0	24	23	L	L	42	29	L	L	17
18	O	O	O	0.0	25	22	O	O	41	29	O	O	18
19	W	W	W	0.0	25	21	W	W	41	28	W	W	19
20				0.0	24	21			39	27			20
21				0.0	32	21			39	27			21
22				0.0	28	21			41	28			22
23				0.0	30	21			40	28			23
24				0.0	27	21			37	29			24
25				0.0	24	18			39	30			25
26				0.0	24	0.0			37	31			26
27				11	23	0.0			39	31			27
28				20	21	0.0			39	34			28
29				21	21	0.0			38	21			29
30				21		0.0			36	0.0			30
31				22		0.0				0.0			31
MEAN				22	32	32			42	40			MEAN
MAX.				0.0	0.0	0.0			0.0	0.0			MAX.
MIN.				188	1400	1248			1724	1801			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 6361

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum Ditch.			0	35	34	11	44	42	22	22		1
2				0	31	28	12	41	45	22	25		2
3				0	27	27	12	40	47	24	26		3
4				0	27	27	14	42	47	32	28		4
5				0	33	26	19	42	47	33	28		5
6				0	39	26	24	41	47	33	28		6
7				0	34	26	24	39	46	31	28		7
8				0	32	26	24	41	46	33	28		8
9				0	34	26	28	42	47	31	28		9
10				0	37	27	28	45	47	29	28		10
11				0	28	27	28	39	48	29	28		11
12	N	N	N	0	32	28	29	32	49	27	24	N	12
13	O	O	O	0	30	28	34	30	51	19	15	O	13
14				0	29	30	33	33	49	20	14		14
15				0	31	31	31	33	45	20	3		15
16	F	F	F	0	33	28	31	37	45	20	3	F	16
17	L	L	L	0	43	31	32	39	44	20	2	L	17
18	O	O	O	0	43	32	30	37	46	20	0	O	18
19	W	W	W	0	43	28	34	42	50	20	0	W	19
20				0	44	28	39	42	48	20	0		20
21				0	40	28	37	41	52	20	0		21
22				0	33	23	37	39	51	19	0		22
23				11	34	12	37	41	47	20	2		23
24				27	36	13	38	39	43	21	2		24
25				22	36	14	44	41	41	21	0		25
26				23	38	15	46	41	40	21	0		26
27				20	38	14	43	42	29	20	0		27
28				31	38	12	42	42	29	21	0		28
29				33		12	42	41	25	21	0		29
30				38		12	43	41	23	25	0		30
31				38		12		41			0		31
MEAN				38	44	34	46	45	53	33	28		MEAN
MAX.				0	27	11	11	30	23	19	0		MAX.
MIN.				482	1940	1450	1837	2440	2610	1416	718		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 12893

TABLE B-12 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	29	33	40	29	53	33	31		1
2				0	28	33	19	29	53	30	31		2
3				0	28	36	27	29	53	27	34		3
4				0	27	34	20	29	55	11	42		4
5				0	28	29	20	29	54	5	42		5
6	Includes Central Valley Project water.			0	33	25	21	28	59	9	42		6
7				0	33	26	21	31	56	4	41		7
8				0	34	25	21	39	53	2	39		8
9	Includes water from Ketchum Ditch.			6	34	25	21	40	53	5	34		9
10				14	34	27	21	44	52	28	25		10
11				16	37	26	21	44	53	24	23		11
12				17	38	23	21	41	54	29	23	N	12
13				16	38	24	21	45	51	31	22	O	13
14				22	38	24	21	50	46	31	20		14
15				26	40	6	21	50	40	31	9		15
16				34	40	0	21	50	41	32	0	F	16
17				36	40	0	20	49	37	32		L	17
18				36	40	0	24	48	32	32		O	18
19				33	39	0	29	47	37	32		W	19
20				33	39	0	30	47	43	32			20
21				36	37	0	30	46	48	32			21
22				34	33	0	30	46	49	32			22
23				37	31	0	30	50	48	31			23
24				39	31	0	29	52	54	31			24
25				38	31	0	29	53	54	34			25
26				39	30	7	29	52	55	34			26
27				38	30	21	29	50	54	32			27
28				38	33	30	28	52	41	31			28
29				38		31	28	51	40	31			29
30				39		31	28	50	40	31			30
31				31		38		51		31			31
MEAN				39	40	38	40	53	59	34	42		MEAN
MAX.				0	27	0	19	28	32	2	0		MAX.
MIN.				1381	1890	1099	1488	2680	2892	1607	908		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 13945

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water April 25-29th			0	19	13	25	0	34	52	35	22	1
2				0	21	10	25	0	34	53	35	21	2
3				0	20	21	26	0	34	54	34	14	3
4				0	22	21	30	0	36	51	33	8	4
5	Includes water from Ketchum Ditch.			0	23	21	34	0	36	52	32	6	5
6				0	22	20	33	0	36	52	33	6	6
7				0	22	31	31	0	35	52	32	0	7
8				0	25	29	29	0	36	47	33	0	8
9				0	30	29	30	0	34	47	29	0	9
10				0	34	30	31	0	35	47	19	0	10
11				0	32	23	31	0	34	48	21	0	11
12	N	N	0	31	25	30	0	34	47	29	0	N	12
13	O	O	0	34	27	30	0	33	43	30	0	O	13
14			0	36	30	31	0	37	40	30	0		14
15			0	37	36	29	0	47	36	31	0		15
16	F	F	0	41	39	28	0	46	40	30	0	F	16
17	L	L	0	35	37	27	0	47	38	30	0	L	17
18	O	O	0	31	36	23	0	46	40	31	0	O	18
19	W	W	9	30	25	18	0	47	42	30	0	W	19
20			18	26	25	13	0	48	40	31	0		20
21				21	25	0	0	49	45	31	0		21
22			20	21	22	0	6	51	44	29	0		22
23			21	21	22	0	25	53	44	28	0		23
24			22	21	21	0	26	53	42	27	0		24
25			20	21	20	0	28	53	43	22	0		25
26			20	21	20	0	36	53	41	22	0		26
27			21	21	22	0	35	51	40	20	0		27
28			23	21	24	0	34	53	34	19	0		28
29			22	21		0	35	53	33	15	0		29
30			21	20		0	34	52	33	12	0		30
31			21	20		0		52		15	0		31
MEAN			23	41	39	34	36	53	54	35	22		MEAN
MAX.			0	19	10	0	0	33	33	12	0		MAX.
MIN.			512	1587	1396	1099	514	2662	2618	1682	153		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 12223

TABLE B-13

MILL CREEK (LOWER KAWEAH RIVER)

Point of diversion - The first 40 second-feet of flow measured at this station is diverted into Persian Ditch, which heads on the south bank of Mill Creek five miles below the gaging station and nineteen miles below McKay Point in the southwest quarter of Section 26, Township 18 South, Range 24 East, M.D.B. and M.

Maximum diversion capacities - Mill Creek, 440 second-feet. Persian Ditch, 80 second-feet.

Location of gaging station - On Mill Creek fourteen miles below McKay Point in the southwest quarter of Section 27, Township 18 South, Range 25 East, M.D.B. and M.

Description of gaging station - A timber trapezoidal control section with staff gage and water stage recorder, rated by frequent current meter measurements, prior to installation of 15 foot Parshall Flume in 1958.

Operating agency - Persian Ditch Company.

Gross service area - 6,300 acres.

Period of record - 1917 to 1970; intermittent during the years ending September 30, 1917 and 1918; no record during the years ending September 30, 1919, 1923, and 1956; continuous from October 1, 1919, to September 30, 1922 and from October 1, 1923 to current year.

Remarks - Includes water from Ketchum Ditch for Visalia Kaweah Water Company shown as Ketchum Ditch (a)

Table B-21

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				12	2	46				32	55	5	1
2				11	12	44				25	62	4	2
3				10	13	44				28	57	1	3
4				18	15	42				28	53	1	4
5				11	19	44				27	55	2	5
6				7	21	43				21	59	0.0	6
7				19	20	47			0.0	21	62	0.0	7
8				16	17	39			13	26	66	0.0	8
9				11	9	40			35	28	65	0.0	9
10				7	6	41			41	32	65	0.0	10
11				6	5	41			46	32	64	0.0	11
12	N	N		0.0	3	43	N	N	44	27	62	0.0	12
12	O	O		0.0	0.0	47	O	O	42	22	62	0.0	12
14			0.0	0.0	4	52			41	28	59	0.0	14
15			12	0.0	12	46			40	30	64	0.0	15
16	P	P		7	0.0	18			42	39	62	0.0	16
17	L	L		13	0.0	19			35	40	58	0.0	17
18	O	O		45	0.0	18			38	41	51	0.0	18
19	W	W		31	0.0	23			35	35	51	0.0	19
20				30	0.0	35			40	36	48	0.0	20
21				35	0.0	46			42	41	52	0.0	21
22				38	0.0	47			40	35	52	0.0	22
23				37	0.0	52			40	38	50	0.0	23
24				27	0.0	55			41	46	46	0.0	24
25				16		53			41	47	50	0.0	25
26				16	0.0	46			40	42	58	0.0	26
27				17	0.0	50			39	41	56	0.0	27
28				17	0.0	48			40	43	58	0.0	28
29				15	0.0				46	44	51	0.0	29
30				15	0.0				41	46	23	0.0	30
31				16	0.0					49	10		31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.
			45	19	21	52			46	49	66	5	
			0	0	0	0			0	21	10	0	
			768	254	1325	2206			1789	2122	3344	26	

Total Acre-Feet 11834

TABLE B-13 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0	24	19	42			0.0	26	76		1
2			0.0	26	20	45			0.0	23	78		2
3			0.0	26	18	42			0.0	20	66		3
4			0.0	26	19	32			0.0	20	61		4
5			0.0	26	31	31			0.0	24	63		5
6			0.0	26	31	34			0.0	26	66		6
7			0.0	25	31	42			19	31	64		7
8			0.0	25	23	53			28	47	64		8
9			0.0	25	16	51			29	66	64		9
10			0.0	24	13	56			40	66	62		10
11			0.0	24	13	52			49	55	45		11
12	N	N	0.0	24	30	54	N	N	45	53	0.0	N	12
13	O	O	0.0	24	31	53	O	O	43	57	0.0	O	13
14			0.0	24	26	50			41	61	0.0		14
15			0.0	24	26	47			38	57	0.0		15
16	F	F	0.0	24	27	34	F	F	37	58	0.0	F	16
17	L	L	7	24	29	32	L	L	36	57	0.0	L	17
18	O	O	14	23	35	28	O	O	33	59	0.0	O	18
19	W	W	7	23	43	24	W	W	34	55	0.0	W	19
20			1	26	45	26			33	57	0.0		20
21			0.0	33	39	25			24	60	0.0		21
22			0.0	36	36	24			17	60	0.0		22
23			0.0	38	35	24			17	58	0.0		23
24			0.0	39	24	23			17	60	0.0		24
25			0.0	40	30	9			19	59	0.0		25
26			0.0	33	33	0.0			20	59	0.0		26
27			0.0	23	35	0.0			19	60	0.0		27
28			46	14	35	0.0			23	64	0.0		28
29			33	16	35	0.0			22	71	0.0		29
30			0.0	18		0.0			21	82	0.0		30
31			16	19		0.0				74	0.0		31
MEAN													MEAN
MAX.			46	40	45	56			49	82	78		MAX.
MIN.			0.0	14	13	0.0			0.0	20	0.0		MIN.
AC. FT.			246	1591	1642	1851			1396	3223	1406		AC. FT.

Total Acre-Feet 11355

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes	0	23	0	46	59	25	120	127	84	58		1
2	water	0	23	0	40	25	25	114	133	73	84		2
3	from	0	23	0	31	19	26	108	129	60	83		3
4	Ketchum	0	23	0	27	19	28	105	128	46	82		4
5	Ditch	0	33	0	25	19	25	105	129	51	82		5
6		0	66	0	34	20	24	101	130	46	76		6
7		0	67	0	31	24	26	95	128	40	73		7
8		0	41	0	30	25	26	104	124	41	70		8
9		0	40	0	28	29	28	103	129	44	68		9
10		0	39	0	39	38	34	62	132	37	63		10
11		0	38	0	24	41	34	57	130	36	69		11
12	N	0	22	0	48	51	35	50	139	36	75	N	12
13	O	0	6	0	71	54	53	58	150	44	64	O	13
14		0	0	0	84	65	56	59	135	49	16		14
15		0	16	0	98	69	57	62	86	48	17		15
16	F	0	19	29	66	48	56	103	80	50	8	F	16
17	L	0	18	58	39	45	56	99	74	54	2	L	17
18	O	0	23	50	37	45	45	78	73	54	6	O	18
19	W	0	36	71	35	45	41	99	82	54	6	W	19
20		0	35	72	39	53	49	93	101	48	6		20
21		0	48	61	73	48	56	81	120	41	6		21
22		0	61	72	74	34	70	70	125	34	8		22
23		0	53	68	61	36	70	83	118	26	7		23
24		0	54	71	65	34	70	104	128	28	7		24
25		0	59	65	68	39	90	124	123	30	8		25
26		0	57	57	74	44	108	120	117	28	8		26
27		0	22	33	80	39	110	121	113	28	12		27
28		5	13	16	76	33	112	122	125	31	2		28
29		11	7	19		31	118	119	116	52	0		29
30		24	0	30		27	118	119	81	52	0		30
31				41		26		120		51			31
MEAN													MEAN
MAX.		24	67	72	98	69	118	124	150	84	84		MAX.
MIN.		0	0	0	24	19	24	50	73	26	0		MIN.
AC. FT.		79	1914	1613	2862	2348	3314	5867	6952	2769	2114		AC. FT.

Total Acre-Feet 29832

TABLE B-13 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project Water.	0	46	0	25	36	34	44	119	57	44		1
2		0	52	0	23	37	43	51	122	53	54		2
3		0	49	0	22	45	20	60	124	51	61		3
4		0	28	0	21	39	28	59	148	58	62		4
5		0	31	0	19	28	28	59	184	61	62		5
6	Includes water from Ketchum Ditch.	0	37	0	31	23	37	58	195	58	62		6
7		0	40	0	38	30	46	68	206	56	61		7
8		0	45	24	32	33	45	76	207	56	58		8
9		0	45	21	33	32	46	81	202	57	58		9
10		0	46	19	33	30	50	93	200	33	60		10
11		0	46	37	33	29	49	95	198	43	60		11
12		0	49	31	32	36	43	86	199	57	61		12
13		0	58	30	33	44	50	84	187	66	60	N O	13
14		0	50	25	33	37	51	89	104	62	37		14
15		0	22	18	37	39	49	98	68	58	8		15
16		0	21	32	37	35	45	93	68	59	15		16
17		0	20	38	38	37	35	90	58	58	17		17
18		0	21	49	39	33	40	88	44	50	16		18
19		0	21	27	37	37	50	87	38	51	16		19
20		0	21	31	38	51	50	86	48	56	13		20
21		0	14	34	38	51	50	87	57	58	9		21
22		8	19	30	37	50	50	86	55	60	8		22
23		15	20	31	30	50	49	87	48	55	7		23
24		14	23	37	30	50	48	89	43	51	8		24
25		16	22	41	33	50	48	91	38	53	7		25
26		13	18	46	38	52	49	90	45	54	0		26
27		0	0	45	39	49	50	94	46	53			27
28		4		42	40	45	39	104	60	50			28
29		22		45		47	40	106	56	53			29
30		37		51		47	44	109	57	52			30
31				31		45		111		46			31
MEAN													MEAN
MAX.													MAX.
MIN.		37	58	51	40	52	51	111	207	66	62		MIN.
AC. FT.		0	0	0	19	23	20	44	38	33	0		AC. FT.
		256	1714	1617	1823	2473	2590	5155	6395	3342	1833		

Total Acre-Feet 27198

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water April 21- 29th.	0	0	0	7	47	0	34	98	51	67		1
2		0	0	0	11	47	0	34	110	54	64		2
3		0	0	0	6	47	0	39	124	48	59		3
4		0	0	0	6	44	0	41	119	40	56		4
5	Includes water from Ketchum.	0	0	0	6	40	0	38	125	37	48		5
6			19	0	6	41	0	34	127	41	49		6
7			20	0	6	39	0	32	119	41	51		7
8			0	8	11	41	0	33	88	40	53		8
9			0	20	23	47	0	25	89	40	51		9
10			8	35	28	47	0	40	92	51	52		10
11			29	42	12	45	0	32	91	55	45		11
12			28	42	10	44	0	33	78	61	15		12
13	N O	N O	26	14	8	48	0	34	27	58	8	N O	13
14			24	4	7	53	0	42	45	56	0		14
15			19	0	4	42	0	48	64	53	0		15
16			15	15	3	37	0	46	60	47	0		16
17			5	23	2	41	0	49	57	50	0		17
18			6	17	17	29	0	49	60	57	0		18
19			7	17	13	17	0	55	66	57	0		19
20			7	23	22	29	0	83	60	64	0		20
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.
			29	42	42	53	41	101	127	64	67		
			0	0	0	0	0	25	27	37	0		
			504	1055	986	1952	553	3677	4794	3055	1226		

Total Acre-Feet 17802

TABLE B-14

PERSIAN DITCH AT MILL CREEK

Point of diversion - In the southwest quarter of Section 26, Township 18 South, Range 24 East,

M.D.B. and M.

Maximum diversion capacity - 150 second-feet

Location of gaging station - Approximately 200 feet below head of ditch.

Description of gaging station - Open channel section with water stage recorder and gaging bridge for current meter measurements

Operating agency - Persian and Watson Ditch Company

Gross service areas - 6,300 acres

Period of record - Beginning 1960 to current year

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0.0	34			0.0	47	61		1
2					0.0	34			0.0	37	77		2
3					0.0	35			0.0	40	71		3
4					0.0	32			0.0	41	65		4
5					0.0	35			0.0	40	65		5
6					0.0	33			0.0	33	64		6
7					0.0	30			0.0	32	70		7
8					0.0	29			0.0	41	70		8
9					0.0	30			10	38	76		9
10					0.0	37			49	50	77		10
11					0.0	39			58	45	77		11
12	N	N	N	N	0.0	45	N	N	60	43	74	N	12
13	O	O	O	O	0.0	51	O	O	56	36	76	O	13
14					0.0	58			55	41	69		14
15					0.0	49			55	44	77		15
16					0.0	38			57	55	76		16
17	F	F	F	F	12	38	F	F	50	54	73	F	17
18	L	L	L	L	14	47	L	L	55	56	61	L	18
19	O	O	O	O	15	47	O	O	50	50	64	O	19
20					26	45			55	48	58		20
21					41	46			62	57	59		21
22					42	44			58	50	60		22
23					46	28			57	49	55		23
24					50	20			56	61	35		24
25					48	22			59	69	34		25
26	Includes water from Ketchum, Jennings, and Watson Ditch				46	24			56	58	45		26
27					42	25			55	53	42		27
28					37	27			54	51	44		28
29						27			66	51	42		29
30						0.0			58	52	16		30
31										57	5		31
MEAN													MEAN
MAX.					50	58			66	69	77		MAX.
MIN.					0.0	0.0			0.0	32	5		MIN.
AC. FT.					831	2081			2362	2934	3646		AC. FT.

Total Acre-Feet 11854

TABLE B-14 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum and Jennings Ditch.			0.0	13	28			0.0	43	62		1
2				0.0	14	31			0.0	40	63		2
3				0.0	12	30			0.0	38	56		3
4				0.0	13	20			0.0	35	51		4
5				0.0	22	19			0.0	39	53		5
6				0.0	23	20			0.0	40	56		6
7				0.0	22	33			31	40	54		7
8				0.0	15	35			37	49	57		8
9				0.0	10	38			40	46	57		9
10				12	5	46			46	44	58		10
11				19	4	43			57	40	54		11
12	N	N	N	17	13	44	N	N	53	41	15	N	12
13	O	O	O	18	20	43	O	O	54	43	3	O	13
14				17	22	42			57	48	0.0		14
15				18	18	42			52	44	0.0		15
16	F	F	F	18	18	31	F	F	51	47	0.0	P	16
17	L	L	L	17	20	29	L	L	50	45	0.0	O	17
18	O	O	O	17	24	26	O	O	49	49	0.0	W	18
19	W	W	W	16	31	22			49	45	0.0		19
20				17	33	19			48	45	0.0		20
21				28	29	26			43	46	0.0		21
22				31	26	21			34	49	0.0		22
23				35	26	20			34	48	0.0		23
24				37	16	14			33	48	0.0		24
25				20	21	14			35	45	0.0		25
26				12	23	5			36	48	0.0		26
27				12	24	0.0			37	46	0.0		27
28				12	25	0.0			39	52	0.0		28
29				11	23	0.0			40	54	0.0		29
30				12					40	65	0.0		30
31				13						59	0.0		31
MEAN				37	33	46			57	65	63		MEAN
MAX.				81	112	147			207	281	126		MAX.
MIN.				0.0	4	0.0			0.0	35	0.0		MIN.
AC. FT.				811	1121	1472			2075	2819	1267		AC. FT.

Total Acre-Feet 9565

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	0	19	9	0	97	79	60	74		1
2			4	0	16	8	6	95	84	57	68		2
3			10	0	14	5	10	92	82	53	71		3
4	Includes water from Ketchum Ditch.			11	0	15	3	90	81	48	69		4
5				17	0	13	2	90	80	55	68		5
6	Includes water from Jennings Ditch.			19	0	14	2	89	82	66	64		6
7				16	0	8	4	84	81	58	63		7
8	Includes water for Watson Ditch.			11	0	5	2	8	89	57	59		8
9				6	0	7	2	9	85	61	59		9
10				4	0	22	2	17	81	53	53		10
11			3	0	11	4	17	61	81	53	58		11
12	N	N	2	0	13	2	17	58	82	54	65	N	12
13	O	O	0	0	35	2	29	58	87	62	64	O	13
14			0	0	54	5	31	67	86	67	10		14
15			0	0	52	12	31	64	69	66	6		15
16	F	F	0	22	25	4	30	85	68	65	2	P	16
17	L	L	0	48	14	2	24	82	63	66	0	L	17
18	O	O	0	44	13	1	22	74	66	65	0	O	18
19	W	W	0	35	13	1	28	83	74	67	0	W	19
20			0	32	12	9	33	82	67	66	0		20
21			0	25	17	6	44	76	71	63	0		21
22			0	29	18	4	46	69	80	56	0		22
23			0	30	13	0	48	73	73	50	0		23
24			0	26	12	0	51	75	78	44	0		24
25			0	24	12	0	65	81	77	48	0		25
26			0	21	15	8	80	78	74	48	0		26
27			0	16	19	4	87	77	70	45	0		27
28			0	10	21	0	82	79	76	50	0		28
29			0	10			92	79	75	66	0		29
30			0	11			94	82	57	75	0		30
31			0	16				79		64	0		31
MEAN			19	48	54	12	94	97	87	75	74		MEAN
MAX.			0	0	5	0	0	58	57	44	0		MAX.
MIN.			20	79	99	20	205	484	452	358	169		MIN.
AC. FT.			204	791	996	206	2051	4840	4524	3586	1692		AC. FT.

Total Acre-Feet 18888

TABLE B-14 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water.			0	9	38	33	36	63	52	31		1
2				0	11	34	40	38	65	46	43		2
3				0	13	35	18	43	65	43	52		3
4				0	12	31	22	44	67	49	51		4
5				0	12	26	24	43	77	51	52		5
6	Includes water for Watson Ditch.			0	20	22	27	43	77	49	52		6
7				0	23	27	28	44	79	47	50		7
8				0	23	36	28	47	81	49	46		8
9				0	24	29	29	49	77	54	47		9
10				0	24	26	30	52	76	25	48		10
11				0	23	25	29	53	77	32	49		11
12				0	23	31	26	50	79	45	53	N	12
12				0	25	37	28	49	80	56	51	O	12
14				0	24	35	30	52	70	52	22		14
15				0	26	32	29	57	67	48	10		15
16				0	26	31	31	55	67	48	11	P	16
17				0	29	32	30	53	60	51	13	L	17
18				0	29	28	31	52	45	42	14	O	18
19				0	32	31	39	51	36	44	14	W	19
20				0	32	43	40	52	40	46	11		20
21				0	35	44	40	52	55	48	5		21
22				0	35	43	40	52	58	51	3		22
23				0	29	43	40	53	48	47	2		23
24				0	29	43	40	53	44	44	0		24
25				10	30	43	40	54	30	45	4		25
26				14	33	44	40	54	41	46	3		26
27				16	34	47	40	54	42	45	0		27
28				14	36	43	36	58	53	39			28
29				14		38	37	59	51	45			29
30				23		44	38	60	51	44			30
31				12		34		59		36			31
MEAN													MEAN
MAX.				23	36	47	40	60	81	56	53		MAX.
MIN.				0	9	22	18	36	30	25	0		MIN.
AC. FT.				204	1390	2172	1950	3116	3612	2815	1462		AC. FT.

Total Acre-Feet 16721

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water April 21 - 29.			0	14	41	0	37	59	53	59		1
2				0	16	41	0	37	60	50	58		2
3				0	10	41	0	41	65	48	52		3
4				0	0	41	0	41	65	34	49		4
5				0	0	35	0	42	67	32	44		5
6	Includes water for Watson Ditch.			0	0	40	0	38	70	33	42		6
7				0	0	36	0	33	75	32	44		7
8				0	0	38	0	36	66	33	44		8
9				0	0	42	0	30	63	30	48		9
10				0	0	44	0	32	67	42	45		10
11				0	0	42	0	33	68	48	45		11
12	N	N	N	0	0	42	0	33	65	52	42	N	12
12	O	O	O	0	0	46	0	32	26	49	15	O	12
14				0	0	50	0	38	34	49	4		14
15				0	0	42	0	45	58	48	0		15
16				5	0	39	0	44	55	44	0	P	16
17				17	0	37	0	46	48	45	0	L	17
18				12	10	34	0	46	49	53	0	O	18
19				11	12	15	0	46	52	49	0	W	19
20				16	17	18	0	53	48	52	0		20
21				23	28	31	0	59	63	58	0		21
22				24	34	32	0	59	61	52	0		22
23				24	34	37	3	59	61	44	0		23
24				24	35	33	28	58	62	38	0		24
25				22	31	17	32	58	69	41	0		25
26				21	34	3	33	58	61	33	0		26
27				20	38	0	37	56	57	33	0		27
28				26	32	0	39	60	49	34	0		28
29				22		0	36	60	46	40	0		29
30				17		0	38	58	48	45	0		30
31				11		0		59		53	0		31
MEAN													MEAN
MAX.				26	38	50	39	60	75	58	59		MAX.
MIN.				0	0	0	0	30	26	30	0		MIN.
AC. FT.				585	684	1819	488	2830	3445	2672	1172		AC. FT.

Total Acre-Feet 13695

TABLE B-15

NORTH BRANCH PERSIAN DITCH

Point of diversion - Near northeast corner of Section 34, Township 18 South, Range 24 East, M.D.B. and M.

Maximum diversion capacity - 70 second-feet

Location of gaging station - Approximately 100 feet west of main Persian Ditch.

Description of gaging station - Open channel section with water stage recorder and gaging bridge for current meter measurements

Operating agency - Persian Ditch Company

Gross service area - 3,300 acres

Period of record - Beginning 1960 to current year

Criteria for diversions - Arbitrary; all or part of the entitlement of Persian Ditch Company may be taken down this branch.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0.0	17			0.0	13	26		1
2					0.0	18			0.0	15	28		2
3					0.0	18			0.0	12	28		3
4					0.0	16			0.0	14	25		4
5					0.0	17			0.0	15	24		5
6					0.0	16			0.0	13	24		6
7					0.0	15			0.0	12	27		7
8					0.0	15			0.0	18	24		8
9					0.0	15			0.0	21	27		9
10					0.0	16			22	29	28		10
11					0.0	14			25	26	29		11
12	N	N	N	N	0.0	16	N	N	25	24	29	N	12
13	O	O	O	O	0.0	19	O	O	24	20	34	O	13
14					0.0	22			23	20	27		14
15					0.0	18			22	24	30		15
16					0.0	14			23	23	32		16
17	F	F	F	F	11	18	F	F	22	20	30	F	17
18	L	L	L	L	9	25	L	L	23	20	23	L	18
19	O	O	O	O	15	24	O	O	25	21	28	O	19
20	W	W	W	W	26	24	W	W	23	24	24	W	20
21					33	18			25	30	27		21
22					20	16			24	26	27		22
23					26	9			23	25	23		23
24					26	5			25	30	17		24
25					24	6			26	30	15		25
26					23	6			23	23	20		26
27					21	7			23	20	22		27
28					18	7			20	25	22		28
29						8			24	23	17		29
30						0.0			23	22	13		30
31						0.0				25	0.0		31
MEAN													MEAN
MAX.					33	25			26	30	34		MAX.
MIN.					0.0	0.0			0.0	12	0.0		MIN.
AC. FT.					516	871			978	1315	1488		AC. FT.

Total Acre-Feet 5168

TABLE B-15 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum Ditch.			0.0	1	13			0.0	20	32		1
2				0.0	3	14			0.0	21	32		2
3				0.0	3	14			0.0	20	28		3
4	Includes water from Jennings Ditch.			0.0	3	7			0.0	19	25		4
5				0.0	5	7			0.0	20	26		5
6				0.0	5	8			0.0	21	29		6
7				0.0	3	12			13	21	28		7
8				0.0	2	16			19	23	29		8
9				0.0	1	19			21	22	29		9
10				0.0	1	25			22	21	30		10
11				8	1	22			31	20	28		11
12	N	N	N	10	1	23	N	N	29	21	6	N	12
13	O	O	O	10	1	21	O	O	31	23	0.0	O	13
14				10	1	20			30	24	0.0		14
15				10	1	21			27	26	0.0		15
16	F	F	F	10	3	18	F	F	26	25	0.0	F	16
17	L	L	L	10	3	16	L	L	21	25	0.0	L	17
18	O	O	O	8	5	14	O	O	19	28	0.0	O	18
19	W	W	W	8	7	13	W	W	23	28	0.0	W	19
20				8	8	14			22	29	0.0		20
21				15	10	14			21	29	0.0		21
22				18	10	12			18	28	0.0		22
23				20	11	11			17	27	0.0		23
24				19	5	10			17	26	0.0		24
25				0.0	7	9			17	26	0.0		25
26				0.0	9	0.0			17	27	0.0		26
27				0.0	10	0.0			19	26	0.0		27
28				0.0	11	0.0			18	29	0.0		28
29				0.0	10	0.0			19	30	0.0		29
30				0.0		0.0			20	35	0.0		30
31				0.0		0.0				31	0.0		31
MEAN				20	11	25			31	35	32		MEAN
MAX.				0.0	1	0.0			0.0	19	0.0		MAX.
MIN.				325	280	740			1025	1529	639		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4538

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum Ditch.			0	16	8	1	41	41	34	40		1
2				0	14	4	5	50	41	34	40		2
3				0	13	2	9	50	41	36	40		3
4	Includes water from Jennings Ditch.			0	13	2	11	48	41	33	39		4
5				0	12	2	11	47	43	37	40		5
6				0	27	2	6	47	41	39	40		6
7				0	23	4	4	46	43	38	39		7
8				0	21	2	8	46	41	38	39		8
9				0	13	2	8	46	39	37	37		9
10				0	10	1	12	41	39	34	33		10
11				0	8	4	12	41	40	35	35		11
12	N	N	N	0	10	1	12	41	41	35	38	N	12
13	O	O	O	0	11	1	17	41	43	38	37	O	13
14				0	12	5	18	42	44	39	8		14
15				0	12	9	18	40	40	37	5		15
16	F	F	F	0	11	1	18	45	39	37	1	F	16
17	L	L	L	0	11	1	15	42	37	37	0	L	17
18	O	O	O	18	11	1	14	39	37	36	0	O	18
19	W	W	W	33	11	1	17	42	40	37	0	W	19
20				29	9	5	18	41	39	37	0		20
21				23	14	1	22	38	39	37	0		21
22				21	15	1	22	36	41	35	0		22
23				23	10	0	21	37	40	31	0		23
24				22	10	0	21	37	41	31	0		24
25				19	11	0	24	39	40	35	0		25
26				18	11	7	30	40	39	32	0		26
27				14	11	1	32	40	38	31	0		27
28				10	12	1	31	40	40	32	0		28
29				10		1	31	41	30	39	0		29
30				11		1	35	40	34	39	0		30
31				14		1		40		37	0		31
MEAN				33	27	9	35	50	44	39	40		MEAN
MAX.				0	8	0	1	26	34	31	0		MAX.
MIN.				526	718	143	998	2588	2384	2196	1014		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 10567

TABLE B-15 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water Includes water from Ketchum Ditch			0	8	17	15	27	30	33	23		1
2				0	8	14	17	27	31	21	30		2
3				0	6	14	11	27	31	20	34		3
4				0	8	13	12	28	33	23	37		4
5				0	8	10	13	28	37	28	37		5
6				0	12	9	14	27	36	26	36		6
7				0	13	11	14	26	37	24	34		7
8				0	14	14	14	27	37	25	34		8
9				0	15	15	16	27	35	31	35		9
10				0	17	12	16	28	35	12	35		10
11				0	16	12	14	27	36	17	36		11
12				0	14	15	13	28	37	24	35	N	12
13				0	12	17	14	27	36	29	20	O	13
14				0	14	14	13	27	38	28	7		14
15				0	15	20	12	28	34	26	10		15
16				0	15	16	12	27	34	24	12		16
17				0	16	16	12	28	33	25	11		17
18				0	15	14	13	30	31	23	11		18
19				0	15	15	16	30	29	23	5		19
20				0	14	20	17	30	30	26	3		20
21				0	15	20	17	27	31	27	0		21
22				0	15	20	21	28	31	29			22
23				0	12	19	28	28	31	26			23
24				0	12	19	29	28	30	25			24
25				0	12	18	30	28	29	25			25
26				10	14	16	30	28	30	26			26
27				11	14	18	30	28	32	25			27
28				10	15	18	27	31	36	23			28
29				10		17	27	31	37	27			29
30				14		20	27	31	36	26			30
31				9		17		29		25			31
MEAN				14	17	20	30	31	38	38	37		MEAN
MAX.				0	6	9	11	26	29	12	0		MAX.
MIN.				127	722	972	1079	1728	1989	1541	962		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 9120

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water April 21- 29th			0	5	29	0	22	30	22	34		1
2				0	15	28	0	24	31	21	32		2
3				0	5	29	0	24	35	19	29		3
4				0	0	27	0	18	33	17	31		4
5				0	0	22	0	19	33	17	25		5
6				0	0	27	0	18	34	17	24		6
7				0	0	22	0	16	37	16	25		7
8				0	0	26	0	19	35	14	27		8
9				0	0	27	0	15	33	12	25		9
10				0	0	27	0	16	34	18	25		10
11				0	0	24	0	18	34	20	18		11
12	N	N	N	0	0	24	0	18	33	21	15	N	12
13	O	O	O	0	0	25	0	20	10	22	10	O	13
14				0	0	26	0	22	10	22	2		14
15				0	0	22	0	30	31	21	0		15
16				2	0	22	0	29	31	16	0		16
17	P	P	P	14	0	22	0	31	27	14	0	P	17
18	L	L	L	9	7	21	0	32	29	23	0	L	18
19	O	O	O	8	10	11	0	32	33	20	0	O	19
20	W	W	W	9	15	8	0	33	28	22	0	W	20
21				13	25	25	0	31	34	26	0		21
22				19	30	25	3	32	33	28	0		22
23				20	32	26	25	30	33	21	0		23
24				21	33	24	24	29	30	20	0		24
25				20	29	11	24	29	35	21	0		25
26				19	31	0	23	29	30	17	0		26
27				17	32	0	22	28	25	16	0		27
28				17	24	0	24	31	21	16	0		28
29				16		0	25	32	16	18	0		29
30				14		0	24	29	16	20	0		30
31				11		0		30		25			31
MEAN				21	33	29	25	33	37	28	34		MEAN
MAX.				0	0	0	0	15	10	12	0		MAX.
MIN.				454	581	1150	385	1559	1734	1194	639		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 7696

TABLE B-16

WATSON DITCH

Point of diversion - Prior to 1960, 13 miles below McKay Point on the south bank of Mill Creek in the southeast quarter of Section 27, Township 18 South, Range 25 East, M.D.B. and M. After 1960, located 1,000 feet south of the northeast corner of the northwest quarter of the southeast quarter of Section 34, Township 18 South, Range 24 East, M.D.B. and M.

Maximum diversion capacity - Prior to 1960, 72 second-feet; after 1960, 60 second-feet.

Location of gaging station - Prior to 1960, one-half mile below head of ditch in southwest quarter of Section 27, Township 18 South, Range 25 East, M.D.B. and M. After 1960, station located in the southeast quarter of Section 34, Township 18 South, Range 24 East, M.D.B. and M.

Description of gaging station - Prior to 1960, a concrete weir consisting of two sections, each 10 feet in length, with the same crest elevations, one across the head of Evans Ditch and the other across the head of Watson Ditch, and a staff gage and water stage recorder above the weir. Since 1960, an open channel section has been used with staff gage and water stage recorder, rated by frequent current meter measurements.

Operating agencies - Prior to 1960, Evans and Watson Ditch Companies; after 1960, Watson Ditch Company

Gross service area - Prior to 1960, 3,925 acres; after 1960, approximately 3,800 acres

Period of record - 1917-1970 intermittent during the years ending September 30, 1917 and 1918; no record during the year ending September 30, 1919; continuous from February 23, 1920 to current year

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0.0	11			0.0	24	20		1
2					0.0	11			0.0	18	25		2
3					0.0	13			0.0	18	26		3
4					0.0	14			0.0	18	25		4
5					0.0	15			0.0	18	25		5
6					0.0	13			0.0	14	25		6
7					0.0	12			0.0	13	25		7
8					0.0	12			0.0	13	25		8
9					0.0	12			0.0	13	26		9
10					0.0	14			23	15	27		10
11					0.0	16			24	15	26		11
12	N	N	N	N	0.0	17	N	N	26	14	23	N	12
13	O	O	O	O	0.0	18	O	O	25	13	21	O	13
14					0.0	18			24	12	20		14
15					0.0	18			21	11	20		15
16	F	F	F	F	0.0	17	F	F	19	16	20	F	16
17	L	L	L	L	0.0	18	L	L	16	18	19	L	17
18	O	O	O	O	0.0	18	O	O	18	18	17	O	18
19	W	W	W	W	0.0	20	W	W	18	17	17	W	19
20					0.0	21			19	14	16		20
21					0.0	21			21	15	16		21
22					7	20			20	15	15		22
23					10	17			20	14	16		23
24					11	14			22	16	14		24
25					12	14			24	18	12		25
26					12	15			25	18	13		26
27					12	16			24	18	15		27
28					11	16			25	17	19		28
29						15			26	17	21		29
30						3			26	17	10		30
31						0.0			26	19	0.0		31
MEAN					12	21			26	24	27		MEAN
MAX.					0.0	0.0			0.0	11	0.0		MAX.
MIN.					149	210			242	284	1188		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4173

TABLE B-16 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Ketchum Ditch.			0.0	8	10			0.0	7	9		1
2				0.0	8	11			0.0	6	8		2
3				0.0	7	11			0.0	5	7		3
4				0.0	8	9			0.0	4	7		4
5				0.0	14	9			0.0	5	7		5
6				0.0	11	9			0.0	5	7		6
7				0.0	11	11			3	5	7		7
8				0.0	9	12			4	6	7		8
9				0.0	5	13			4	6	7		9
10				0.0	3	15			5	6	8		10
11				7	2	15			6	5	8		11
12	N	N	N	7	6	15	N	N	7	5	8	N	12
13	O	O	O	7	9	14	O	O	7	5	8	O	13
14				7	9	13			8	6	2		14
15				7	7	13			7	6	0.0		15
16	F	F	F	7	9	10	F	F	8	6	0.0	F	16
17	L	L	L	7	9	9	L	L	7	5	0.0	L	17
18	O	O	O	7	9	9	O	O	7	6	0.0	O	18
19				7	11	7			7	5	0.0		19
20				7	14	7			7	5	0.0		20
21				11	14	8			7	5	0.0		21
22				11	11	7			6	5	0.0		22
23				13	11	7			6	5	0.0		23
24				16	8	6			5	5	0.0		24
25				22	9	5			5	5	0.0		25
26				9	10	0.0			5	5	0.0		26
27				8	10	0.0			5	5	0.0		27
28				8	11	0.0			5	6	0.0		28
29				7	10	0.0			7	6	0.0		29
30				8		0.0			7	9	0.0		30
31				8		0.0				9	0.0		31
MEAN													MEAN
MAX.				22	14	15			8	9	9		MAX.
MIN.				0.0	2	0.0			0.0	4	0.0		MIN.
AC. FT.				379	522	506			288	345	198		AC. FT.

Total Acre-Feet 2238

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	2	0	16	12	6	11		1
2	Includes water from Ketchum Ditch				0	0	0	16	13	6	10		2
3					0	0	0	15	13	6	10		3
4					0	0	0	15	13	6	10		4
5					0	0	0	15	13	6	9		5
6					0	0	0	12	14	9	9		6
7					0	0	0	9	14	7	8		7
8					0	0	0	8	13	6	7		8
9					0	0	0	9	13	7	8		9
10					0	0	2	12	14	6	7		10
11						0	2	13	14	6	7		11
12	N	N	N	N	0	0	2	13	14	6	9	N	12
13	O	O	O	O	4	0	2	11	14	7	10	O	13
14					10	0	2	12	14	8	1		14
15					10	0	3	12	12	8	0		15
16	F	F	F	F	6	0	3	14	12	8	0	F	16
17	L	L	L	L	3	0	1	15	10	9	0	L	17
18	O	O	O	O	3	0	1	13	10	9	0	O	18
19					2	0	2	14	10	9	0		19
20					1	1	7	11	10	9	0		20
21					2	0	13	14	10	9	0		21
22					2	0	14	12	12	7	0		22
23					2	0	13	12	11	7	0		23
24					1	0	12	13	11	5	0		24
25					1	0	13	13	12	6	0		25
26					2	3	15	13	11	6	0		26
27					3	0	14	13	10	5	0		27
28					4	0	14	13	11	6	0		28
29						0	15	13	11	9	0		29
30						0	16	12	8	12	0		30
31						0		12		9	0		31
MEAN													MEAN
MAX.					10	3	16	16	14	12	11		MAX.
MIN.					0	0	0	8	8	5	0		MIN.
AC. FT.					111	12	329	783	712	446	230		AC. FT.

Total Acre-Feet 2623

TABLE B-16 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0.0	3.0	4.9	14.5	8.7	11.5	6.5	3.9		1
2				0.0	3.0	4.7	16.4	8.6	11.9	6.4	4.6		2
3				0.0	3.0	4.7	8.6	8.9	11.9	5.7	7.6		3
4				0.0	3.0	4.4	8.6	9.1	12.9	6.4	7.6		4
5				0.0	3.0	4.0	10.5	9.1	14.7	6.7	7.6		5
6				0.0	4.6	3.5	10.8	9.2	14.7	6.2	7.6		6
7				0.0	4.9	3.7	10.7	9.2	14.7	5.9	7.9		7
8				0.0	4.9	4.0	10.7	10.8	14.8	5.8	8.1		8
9				0.0	4.9	3.2	8.9	12.2	14.7	6.7	8.4		9
10				0.0	4.9	3.0	10.5	12.4	13.7	2.4	8.6		10
11				0.0	4.9	2.0	11.2	13.7	13.5	3.2	8.9		11
12	N	N	N	0.0	4.9	2.7	10.5	12.2	13.7	5.3	9.0	N	12
13	O	O	O	0.0	5.1	4.6	10.7	11.7	13.3	6.7	4.9	O	13
14				0.0	5.1	4.6	11.5	11.5	13.1	7.0	0.0		14
15				0.0	5.1	4.6	8.6	12.2	10.1	5.7	0.0		15
16	F	F	F	0.0	5.1	4.6	7.5	12.9	9.8	5.8	0.0	F	16
17	L	L	L	0.0	5.1	4.6	7.5	12.4	8.7	6.8	0.0	O	17
18	O	O	O	0.0	5.1	4.6	6.9	12.1	6.5	5.3	0.0		18
19				0.0	4.9	4.7	7.7	12.1	4.2	4.9	0.0		19
20				0.0	4.6	6.1	7.8	10.5	4.5	5.3	0.0		20
21				0.0	4.9	7.3	8.5	10.0	6.2	5.7	0.0		21
22				0.0	4.9	7.3	8.9	10.0	6.8	5.9	0.0		22
23				0.0	4.6	7.3	8.7	10.3	5.9	6.1	0.0		23
24				0.0	4.6	7.3	8.6	11.0	5.1	5.7	0.0		24
25				0.4	4.9	7.3	8.6	11.7	3.0	5.7	0.0		25
26				3.0	4.9	7.5	8.7	11.4	4.6	5.7	0.0		26
27				3.0	4.9	8.6	8.9	11.4	5.0	5.7	0.0		27
28				3.0	5.2	9.5	8.6	11.5	6.1	4.9	0.0		28
29				3.0		10.8	8.6	11.5	6.5	5.4	0.0		29
30				3.0		11.9	8.9	11.4	6.5	5.7	0.0		30
31				3.0		13.3		11.2		4.6	0.0		31
MEAN													MEAN
MAX.				3.0	5.2	13.3	16.4	13.7	14.8	7.0	9.0		MAX.
MIN.				0.0	3.0	2.0	6.9	8.6	3.0	2.4	0.0		MIN.
AC. FT.				36	254	360	569	676	572	349	188		AC. FT.

Total Acre-Feet 3004

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	6		8	11	16	12		1
2					0	6		8	12	16	12		2
3					0	8		9	13	15	10		3
4					0	9		10	12	13	9		4
5					0	7		9	12	13	7		5
6					0	0		10	16	12	7		6
7					0	0		9	24	12	7		7
8					0	0		9	23	13	8		8
9					0	0		8	23	12	8		9
10					0	0		8	21	13	8		10
11					0	0		9	19	14	8		11
12	N	N	N	N	0	0	N	9	20	16	3	N	12
13	O	O	O	O	0	0	O	9	12	17	0	O	13
14					0	0		10	12	16	0		14
15					0	0		11	16	15	0		15
16	F	F	F	F	0	0	F	11	16	14	0	F	16
17	L	L	L	L	0	0	L	11	15	13	0	O	17
18	O	O	O	O	0	0	O	11	15	15	0		18
19					0	0		10	16	14	0		19
20					0	0		10	15	15	0		20
21					0	0		11	18	17	0		21
22					0	0		11	18	16	0		22
23					0	0		10	18	14	0		23
24					0	0		11	18	13	0		24
25					0	0		11	19	13	0		25
26					0	0		11	19	11	0		26
27					3	0		10	18	11	0		27
28					6	0		11	17	12	0		28
29						0		12	15	11	0		29
30						0		11	15	9	0		30
31						0		11		9	0		31
MEAN													MEAN
MAX.					6	9		12	24	17	12		MAX.
MIN.					0	0		8	11	9	0		MIN.
AC. FT.					18	71		613	988	833	196		AC. FT.

Total Acre-Feet 2719

TABLE B-17

ELK BAYOU AT ROAD 96

Station Location: South west $\frac{1}{4}$, Section 36, Township 20 south, Range 24 east.

Five and eight tenths miles south of Tulare and one and eight tenths west of

Highway #99.

Period of Record: 1942 - 1953 at a site one mile East of Elk Bayou Ave. Three and six tenths

mile below U.S. Highway #99. 1957 to current year at present site.

Formerly published as Elk Bayou near Tulare.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		ELK BAYOU AT ROAD 96

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR YEARS 1971, 1972, 1975

TABLE B-17 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		ELK BAYOU BELOW ROAD 96

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	5	3	0	39				1
2				0	0	14	0	0	51				2
3				0	0	5	0	0	55				3
4				0	0	0	0	0	57				4
5				0	0	12	0	0	57				5
6	Water in June flood releases from Terminus Dam			0	0	15	0	0	55				6
7				0	0	45	0	0	38				7
8				0	0	85	0	0	31				8
9				0	0	57	0	0	27				9
10				0	0	25	0	0	31				10
11				0	0	15	0	0	35				11
12	N	N	N	0	250	72	0	0	35	N	N	N	12
13	O	O	O	0	152	36	0	0	31	O	O	O	13
14				0	79	18	0	0	32				14
15				0	119	11	0	0	26				15
16	F	F	F	0	77	2	0	0	21	F	F	F	16
17	L	L	L	0	44	0	0	0	14	L	L	L	17
18	O	O	O	0	29	0	0	0	10	O	O	O	18
19	W	W	W	139	13	0	0	0	3	W	W	W	19
20				157	5	21	0	0	0				20
21				61	3	147	0	0	0				21
22				17	2	95	0	0	0				22
23				8	1	79	0	0	0				23
24				7	0	77	0	2	0				24
25				12	0	22	0	1	0				25
26				10	0	68	0	0	0				26
27				3	0	124	0	0	0				27
28				1	0	64	0	0	0				28
29				1	0	52	0	0	0				29
30						39	0	9	0				30
31						12	0	36	0				31
MEAN													MEAN
MAX.				157	250	147	3	36	57				MAX.
MIN.				0	0	0	0	0	0				MIN.
AC. FT.				825	1535	2414	6	95	1285				AC. FT.

Total Acre-Feet 6160

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		ELK BAYOU AT ROAD 96

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0			0		0				1
2				0			44		0				2
3				0			41		0				3
4				0			26		0				4
5				0			23		2				5
6				0			20		2				6
7				0			17		11				7
8				0			8		18				8
9				0			2		25				9
10				0			1		24				10
11				0			3		20				11
12	N	N	N	0	N	N	0	N	10	N	N	N	12
13	O	O	O	0	O	O	0	O	4	O	O	O	13
14				0			6		0				14
15				0			12		1				15
16	F	F	F	0	F	F	1	F	5	F	F	F	16
17	L	L	L	0	L	L	0	L	15	L	L	L	17
18	O	O	O	14	O	O	0	O	9	O	O	O	18
19	W	W	W	14	W	W	0	W	2	W	W	W	19
20				0			0		0				20
21				0			0		0				21
22				4			0		0				22
23				0			0		0				23
24				0			0		0				24
25				0			0		0				25
26				0			0		0				26
27				0			0		0				27
28				0			0		0				28
29				0			0		0				29
30				0			0		0				30
31				0			0		0				31
MEAN													MEAN
MAX.				14			44		25				MAX.
MIN.				0			0		0				MIN.
AC. FT.				62			405		294				AC. FT.

Total Acre-Feet 762

TABLE B-18

LONGS CANAL

Point of diversion - One and one-quarter miles below McKay Point on the south bank of St. Johns

Branch in the southeast quarter of Section 5, Township 18 South, Range 27 East, M.D.B. and M.

Maximum canal capacity - 20 second-feet pump capacity

Location of gaging station - 500 feet below head of canal in the southeast quarter of Section 5, Township 18 South, Range 27 East, M.D.B. and M., prior to December 1937, and since 1937 measurements at the pump itself on the river bank.

Description of gaging station - Open channel section, staff gage, and water stage recorder rated by frequent current meter measurements prior to the flood of December 1938 when diversion works and gaging station were destroyed. Since that time, diversions and measurements have been made by means of a rated low head electrically driven pumping plant of 20 second-feet capacity.

Operating agency - Individual landowners

Gross service area - 880 acres

Period of record - 1922 to current year; intermittent during the years ending September 30, 1922, 1924, 1926, 1927, and 1931; no record during the years ending September 30, 1923, 1928, 1929, and 1930; continuous from October 1, 1924, to September 30, 1925, and from February 19, 1931, to September 30, current year.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0	4.8		0.0	14.7	14.7	11.4	12.6	12.7	5.2	6.1	1
2		0.0	4.8		0.0	14.7	14.7	11.4	12.6	10.6	1.6	6.1	2
3		0.0	4.8		0.0	14.7	14.7	11.4	12.6	8.4	13.6	6.1	3
4		0.0	3.2		0.0	14.7	14.7	11.4	7.1	10.6	17.2	5.0	4
5		0.0	0.0		0.0	14.7	14.7	11.4	12.6	12.7	17.2	4.1	5
6			0.0		0.0	14.7	14.7	11.4	4.5	12.7	17.2	4.1	6
7	Diversion by means of two electric pumps.		0.0		0.0	14.7	14.7	5.0	7.3	17.4	17.2	0.0	7
8			0.0		0.0	14.7	14.7	2.9	11.3	17.4	17.2	0.0	8
9			0.0		0.0	14.7	14.7	9.3	12.7	17.4	17.2	0.0	9
10			0.0		0.0	14.7	14.7	11.4	12.7	8.2	14.7	0.0	10
11		0.0	0.0		0.0	14.7	14.7	14.2	12.7	13.6	13.6	0.0	11
12	N O	0.0	0.0	N O	0.0	14.7	12.1	14.2	12.7	12.3	14.7	0.0	12
13		0.0	0.0		0.0	14.7	8.9	14.2	12.7	8.7	13.6	0.0	13
14		0.0	0.0		0.0	14.7	5.8	14.2	12.7	12.3	17.2	0.0	14
15		0.0	0.0		0.0	14.7	11.4	14.2	12.7	11.8	17.2	0.0	15
16	F L O W	0.0	0.0	F L O W	0.0	14.7	11.4	14.2	12.7	0.0	17.2	0.0	16
17		2.4	0.0		0.0	14.7	11.4	14.2	12.7	5.7	11.0	0.0	17
18		4.8	0.0		0.0	14.7	11.4	14.2	12.7	14.9	4.9	0.0	18
19		4.8	0.0		0.0	14.7	11.4	14.2	12.7	14.9	2.4	0.0	19
20		4.8	0.0		0.0	14.7	11.4	14.2	12.7	17.4	2.4	0.0	20
21		4.8	0.0		0.0	14.7	11.4	14.2	12.7	17.4	11.6	0.0	21
22		4.8	0.0		0.0	14.7	11.4	14.2	12.7	13.6	14.7	0.0	22
23		4.8	0.0		0.0	14.7	11.4	14.2	12.7	12.3	12.3	0.0	23
24		4.8	0.0		0.0	14.7	11.4	12.6	12.7	3.1	12.3	0.0	24
25		4.8	0.0		10.3	14.7	11.4	12.6	12.7	0.0	4.4	0.0	25
26		4.8	0.0		15.3	14.7	11.4	12.6	12.7	2.1	0.0	0.0	26
27		4.8	0.0		15.3	14.7	11.4	12.6	12.7	8.2	3.1	0.0	27
28		4.8	0.0		15.3	14.7	11.4	12.6	12.7	17.4	12.3	0.0	28
29		4.8	0.0		0.0	14.7	11.4	12.6	12.7	14.4	6.1	0.0	29
30		4.8	0.0			14.7	11.4	12.6	12.7	14.4	6.1	0.0	30
31			0.0			14.7		12.6		11.3			31
MEAN													MEAN
MAX		4.8	4.8		15.3	14.7	14.7	14.2	12.7	17.4	17.2	6.1	MAX
MIN.		0.0	0.0		0.0	14.7	5.8	2.9	4.5	0.0	0.0	0.0	MIN.
AC. FT.		129	35		112	904	736	759	714	702	665	63	AC. FT.

Total Acre-Feet 4819

TABLE B-18 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Diversion by means of two electric pumps.				0.0	16.3	12.5	12.5	12.7	5.5	14.3		1
2					0.0	16.3	12.5	12.5	12.7	5.5	15.6		2
3					0.0	16.3	12.5	12.5	12.7	5.5	10.3		3
4					0.0	16.3	12.5	12.5	12.7	5.5	5.4		4
5					0.0	16.3	12.5	12.5	16.3	5.5	5.4		5
6					0.0	16.3	8.3	12.5	16.3	5.5	5.4		6
7					0.0	16.3	0.0	12.5	16.3	5.5	5.4		7
8					0.0	16.3	0.0	12.5	16.3	10.1	7.8		8
9					0.0	16.3	0.0	12.5	16.3	15.6	12.9		9
10					0.0	16.3	0.0	12.5	13.5	15.6	15.6		10
11					0.0	16.3	3.7	12.5	10.8	15.6	15.6		11
12	N	N	N	N	0.0	16.3	4.9	12.5	10.8	15.6	15.6	N	12
13	O	O	O	O	0.0	16.3	4.9	12.5	10.8	15.6	15.6	O	13
14					0.0	16.3	4.9	12.5	10.8	15.6	15.6		14
15					0.0	16.3	2.5	12.7	10.8	12.0	15.6		15
16	F	F	F	F	0.0	16.3	3.8	12.7	10.8	9.2	15.6	F	16
17	L	L	L	L	0.0	16.3	7.6	12.7	10.8	9.2	15.6	L	17
18	O	O	O	O	0.0	16.3	7.6	12.7	10.8	12.0	15.6	O	18
19	W	W	W	W	0.0	16.3	7.6	12.7	10.8	14.7	15.6	W	19
20					0.0	16.3	7.6	6.4	10.8	14.7	15.6		20
21					0.0	16.3	7.6	0.0	10.8	14.7	15.6		21
22					0.0	16.3	10.1	0.0	10.8	14.7	15.6		22
23					0.0	16.3	12.5	0.0	10.8	14.7	15.6		23
24					0.0	16.3	12.5	0.0	10.8	14.7	15.6		24
25					4.5	16.3	12.5	0.0	10.8	14.7	15.6		25
26					6.0	16.3	12.5	0.0	8.2	10.1	15.6		26
27					13.7	12.5	12.5	0.0	5.5	5.5	15.6		27
28					16.3	12.5	12.5	0.0	5.5	5.5	15.6		28
29					16.3	12.5	12.5	6.4	5.5	5.5	10.3		29
30						12.5	12.5	12.7	5.5	5.5	3.6		30
31						12.5		12.7		5.5	0.0		31
MEAN					16.3	16.3	12.5	12.7	16.3	15.6	15.6		MEAN
MAX.					0.0	12.5	0.0	0.0	5.5	5.5	0.0		MAX.
MIN.					113	965	483	549	670	645	779		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4204

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	6.2	0.0	Diversion by two electric pumps.			0.0	13.3	0.0	13.6	9.7	15.5	15.5	1
2	2.2	0.0				0.0	13.3	10.0	13.6	9.7	15.5	15.5	2
3	0.0	0.0				0.0	13.3	11.1	13.6	9.7	15.5	15.5	3
4	0.0	0.0				0.0	13.3	8.1	13.6	9.7	15.5	15.5	4
5	0.0	0.0				0.0	13.3	8.1	13.6	9.7	15.5	15.5	5
6	0.0	0.0			0.0	13.3	8.1	13.6	12.6	15.5	15.5	15.5	6
7	0.0	3.1			0.0	13.3	8.1	13.6	15.5	15.5	11.5	15.5	7
8	0.0	0.0			0.0	7.8	11.1	13.6	15.5	13.1	5.8	15.5	8
9	0.0	0.0			0.0	0.0	13.3	13.6	15.5	9.7	5.8	15.5	9
10	0.0	0.0			0.0	0.0	13.3	13.6	15.5	13.6	10.7	15.5	10
11	0.0	0.0			0.0	0.0	13.3	13.6	15.5	15.5	15.5	15.5	11
12	0.0	0.0	N	N	0.0	0.0	13.3	13.6	15.5	15.5	15.5	15.5	12
13	0.0	0.0	O	O	0.0	0.0	13.3	13.6	15.5	15.5	15.5	7.8	13
14	0.0	0.0			0.0	0.0	13.3	13.6	15.5	15.5	15.5	0.0	14
15	0.0	0.0			0.0	0.0	13.3	13.6	15.5	15.5	15.5	0.0	15
16	0.0	0.0	F	F	0.0	0.0	11.1	13.6	15.5	15.5	15.5	0.0	16
17	0.0	0.0	L	L	0.0	10.0	8.1	13.6	15.5	15.5	15.5	0.0	17
18	0.0	0.0	O	O	0.0	13.3	8.1	9.9	15.5	15.5	15.5	0.0	18
19	0.0	0.0	W	W	0.0	13.3	10.7	8.5	15.5	15.5	15.5	0.0	19
20	0.0	0.0			0.0	13.3	13.3	8.5	15.5	15.5	15.5	0.0	20
21	0.0	0.0			0.0	13.3	7.8	8.5	15.5	15.5	15.5	0.0	21
22	0.0	0.0			0.0	7.8	8.9	8.5	15.5	15.5	15.5	0.0	22
23	0.0	0.0			0.0	0.0	13.3	8.5	15.5	15.5	15.5	0.0	23
24	0.0	0.0			0.0	0.0	13.3	8.5	15.5	15.5	15.5	0.0	24
25	0.0	0.0			0.0	0.0	13.3	8.5	15.5	15.5	9.0	0.0	25
26	0.0	0.0			6.9	0.0	13.3	8.5	15.5	15.5	0.0	0.0	26
27	0.0	0.0			13.3	0.0	13.3	8.5	15.5	15.5	0.0	0.0	27
28	0.0	0.0			13.3	0.0	13.3	8.5	15.5	15.5	11.6	0.0	28
29	0.0	0.0			0.0	0.0	13.3	8.5	15.5	15.5	15.5	0.0	29
30	0.0	0.0				0.0	13.3	8.5	15.5	15.5	15.5	0.0	30
31	0.0					0.0		8.5		15.5	15.5		31
MEAN					13.3	13.3	13.3	13.6	15.5	15.5	15.5	15.5	MEAN
MAX.	6.2	3.1			0.0	0.0	0.0	8.5	9.7	9.7	0.0	0.0	MAX.
MIN.	0.0	0.0			66	341	659	697	859	933	815	384	MIN.
AC. FT.	17	6											AC. FT.

Total Acre-Feet 4777

TABLE B-18 (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Diversion by means of 2 pumps.				0.0	10.7	13.1	13.8	12.3	14.0	13.8	11.3	1
2					0.0	0.0	13.1	13.8	12.3	14.0	13.8	11.3	2
3					0.0	0.0	13.1	13.8	12.3	14.0	13.8	11.3	3
4					0.0	9.2	13.1	13.8	12.3	14.0	13.8	11.3	4
5					0.0	12.3	13.1	13.8	7.7	14.0	13.8	11.3	5
6					0.0	3.1	13.1	13.8	12.3	14.0	13.8	11.3	6
7					0.0	9.2	13.1	13.8	10.1	14.0	13.8	11.3	7
8					0.0	12.3	13.1	13.8	7.9	14.0	13.8	11.3	8
9					0.0	12.3	13.1	13.8	12.3	14.0	13.8	9.5	9
10					0.0	12.3	13.1	13.8	12.3	14.0	13.8	3.8	10
11	N	N	N	N	0.0	12.3	13.1	13.8	12.3	14.0	13.8	3.8	11
12	O	O	O	O	0.0	12.3	13.1	13.8	12.3	14.0	13.8	3.8	12
13					0.0	12.3	9.8	13.8	12.3	14.0	13.8	3.8	13
14					0.0	12.3	0.0	13.8	12.3	14.0	13.8	3.8	14
15					0.0	12.3	9.8	13.8	12.3	14.0	13.8	1.9	15
16	F	F	F	F	0.0	12.3	13.8	13.8	12.3	14.0	13.8	0.0	16
17	L	L	L	L	0.0	12.3	13.8	13.8	12.3	14.0	13.8	0.0	17
18	O	O	O	O	6.8	12.3	13.8	13.2	9.2	14.0	13.8	0.0	18
19					9.1	10.5	13.8	13.2	0.0	14.0	13.8	0.0	19
20					12.9	12.3	13.8	13.2	10.3	14.0	13.8	0.0	20
21					14.2	12.3	13.8	13.2	12.9	14.0	12.6	0.0	21
22					14.2	12.3	13.8	13.2	13.8	14.0	11.3	0.0	22
23					14.2	12.3	13.8	13.2	13.8	14.0	11.3	0.0	23
24					14.2	12.3	13.8	13.2	13.8	14.0	11.3	0.0	24
25					14.2	10.0	13.8	9.9	13.8	14.0	11.3	0.0	25
26					14.2	8.3	13.8	0.0	13.8	14.0	11.3	0.0	26
27					14.2	10.5	13.8	9.2	13.8	14.0	11.3	0.0	27
28					14.2	12.6	13.8	12.3	13.8	14.0	11.3	0.0	28
29					0.0	12.6	13.8	12.3	13.8	14.0	11.3	0.0	29
30						12.6	13.8	4.6	13.8	12.7	11.3	0.0	30
31						12.6		7.7		11.3	11.3		31
MEAN					14.2	12.6	13.8		13.8	14.0	13.8	11.3	MEAN
MAX.					0.0	0.0	0.0	0.0	0.0	11.3	11.3	0.0	MAX.
AC. FT.					282	657	761	760	703	853	797	240	AC. FT.

Total Acre-Feet 5053

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Diversion by 2 electric pumps.		0	0	0	12.5	12.2	12.9	12.9	14.0	9.1	13.2	1
2			0	5.5	0	12.5	12.2	12.9	3.2	14.0	9.1	13.2	2
3			0	8.2	5.5	12.5	12.2	12.9	0	14.0	9.1	13.2	3
4			0	8.2	8.2	12.5	12.2	12.9	9.7	14.0	9.1	13.2	4
5			0	8.2	8.2	12.5	12.2	12.9	6.5	14.0	9.1	13.2	5
6			0	8.2	8.2	12.5	12.2	12.9	8.3	14.0	9.1	6.5	6
7			0	8.2	8.2	12.5	12.2	12.9	8.3	14.0	9.1	4.3	7
8			0	8.2	8.2	12.5	12.2	12.9	8.3	14.0	9.1	4.3	8
9			2.4	8.2	8.2	3.2	12.2	12.9	8.3	14.0	9.1	4.3	9
10			4.2	8.2	8.2	0	12.2	12.9	8.3	10.3	9.1	1.2	10
11			4.2	2.8	8.2	0	12.2	12.9	11.8	9.1	9.1	0	11
12	N	N	4.2	0	8.2	0	12.2	12.9	12.9	9.1	9.1	0	12
13	O	O	4.2	0	8.2	0	12.2	12.9	12.9	9.1	9.1	0	13
14			4.2	0	8.2	0	6.1	12.9	12.9	9.1	9.1	0	14
15			4.2	0	8.2	0	12.2	12.9	12.9	9.1	9.1	0	15
16	F	F	2.4	0	8.2	0	12.2	12.9	12.9	9.1	9.1	0	16
17	L	L	0	0	11.4	7.3	12.2	12.9	12.9	9.1	9.1	0	17
18	O	O	0	0	12.5	12.5	12.2	12.9	12.9	9.1	9.1	0	18
19			0	0	12.5	12.5	12.2	12.9	12.9	9.1	9.1	0	19
20			0	5.5	12.5	12.5	12.2	12.9	12.9	9.1	9.1	0	20
21			0	8.2	12.5	12.5	5.9	12.9	12.9	9.1	9.1	0	21
22			0	8.2	12.5	12.5	12.2	12.9	12.9	9.1	9.1	1.1	22
23			0	8.2	12.5	12.5	12.2	12.9	12.9	9.1	9.1	1.1	23
24			0	8.2	12.5	12.5	12.2	12.9	12.9	9.1	9.1	1.1	24
25			0	8.2	12.5	12.5	12.2	12.9	8.5	9.1	9.1	1.1	25
26			0	8.2	12.5	12.5	12.2	12.9	8.3	9.1	9.1	0	26
27			0	8.2	12.5	12.5	12.2	12.9	11.8	9.1	9.1	0	27
28			0	8.2	12.5	12.5	12.2	12.9	12.9	9.1	9.1	0	28
29			0	8.2		12.5	12.2	12.9	12.9	9.1	9.1	0	29
30			0	8.2		12.5	12.2	12.9	12.9	9.1	9.1	0	30
31			0	5.5		12.5		12.9		9.1	9.1		31
MEAN			4.2	8.2	12.5	12.5	12.2	12.9	12.9	14.0	9.1	13.2	MEAN
MAX.			0	0	0	0	5.9	12.9	0	9.1	9.1	0	MAX.
AC. FT.			60	331	518	566	701	793	636	649	560	180	AC. FT.

Total Acre-Feet 4994

TABLE B-19

SWEENEY DITCH

Point of Diversion - Three and one half miles below McKay Point on South bank St. Johns Branch
in N.E. $\frac{1}{4}$ of Section 1, Township 18 South, Range 26 East.

Description - Diversion by open ditch and two electric pumps.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0.0			0.0	0.0	0.0		1
2						0.0			0.0	0.0	0.0		2
3						0.0			0.0	0.0	1.2		3
4						0.0			0.0	0.0	3.5		4
5						0.0			0.0	3.2	3.5		5
6						0.0			0.0	4.3	3.5		6
7						0.0			0.0	4.3	3.5		7
8						0.0			0.0	4.3	3.5		8
9						0.0			0.0	4.3	1.2		9
10						0.0			0.0	4.3	0.0		10
11						1.9			0.0	2.3	0.0		11
12						3.7	N	N	0.0	0.0	0.0	N	12
13						3.7	O	O	0.0	0.0	1.7	O	13
14						3.7			0.0	0.0	1.7		14
15						3.7			0.0	0.0	1.7		15
16						3.7	F	F	0.0	0.0	1.7	F	16
17						3.7	L	L	1.4	0.0	1.7	L	17
18						3.7	O	O	4.3	0.0	0.0	O	18
19						3.7	W	W	4.3	0.0	0.0	W	19
20						3.7			4.3	0.0	0.0		20
21						3.7			4.3	0.0	0.0		21
22						2.2			2.2	0.0	0.0		22
23						0.0			2.2	0.0	0.0		23
24						0.0			2.2	0.0	0.0		24
25						0.0			4.3	0.0	1.7		25
26						0.0			4.3	0.0	3.5		26
27						0.0			4.3	0.0	3.5		27
28						0.0			4.3	0.0	1.7		28
29						0.0			1.4	0.0	0.0		29
30						0.0				0.0	0.0		30
31						0.0				0.0	0.0		31
MEAN						3.7			4.3	4.3	3.5		MEAN
MAX.						0.0			0.0	0.0	0.0		MAX.
AC. FT.						81.5			86.9	53.0	77.0		AC. FT.

Total Acre-Feet 298

TABLE B-19 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0.0	0.0			1
2									0.0	0.0			2
3									0.0	2.8			3
4									0.0	3.7			4
5									0.0	3.7			5
6									2.5	2.8			6
7									3.7	0.0			7
8									3.7	0.0			8
9									3.7	0.0			9
10									3.7	0.0			10
11									3.7	0.0			11
12	N	N	N	N	N	N	N	N	3.7	2.8	N	N	12
13	O	O	O	O	O	O	O	O	3.7	3.7	O	O	13
14									3.7	3.7			14
15									3.7	3.7			15
16	F	F	F	F	F	F	F	F	2.5	3.7	F	F	16
17	L	L	L	L	L	L	L	L	0.0	3.7	L	L	17
18	O	O	O	O	O	O	O	O	0.0	3.7	O	O	18
19	W	W	W	W	W	W	W	W	0.0	3.7	W	W	19
20									2.8	2.5			20
21									3.7	0.0			21
22									3.7	0.0			22
23									3.7	0.0			23
24									3.7	0.0			24
25									3.7	0.0			25
26									3.7	0.0			26
27									3.7	0.0			27
28									3.7	0.0			28
29									3.7	0.0			29
30									2.2	0.0			30
31										0.0			31
MEAN									3.7	3.7			MEAN
MAX.									0.0	0.0			MAX.
MIN.													MIN.
AC. FT.									152	88			AC. FT.

Total Acre-Feet 240

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Diversion by open ditch and electric pump Does not include pump on north side of river. Diversions partly estimated. Due to intermittent operation of the pump and the condition of the measuring station, continuous measurement was not possible. Water may have flowed other days.							0.0	4.8	0.0	1.9		1
2								0.0	2.3	0.0	1.9		2
3								0.0	0.0	0.0	1.9		3
4								0.0	0.0	0.0	1.9		4
5								0.0	0.0	0.0	1.9		5
6								0.0	0.0	0.0	3.5		6
7								3.7	0.0	0.0	4.7		7
8								4.2	0.0	0.0	4.7		8
9								4.2	0.0	0.0	4.7		9
10								4.2	0.0	2.8	4.7		10
11								4.2	0.0	4.7	4.7		11
12	N	N	N	N	N	N	N	2.8	0.0	4.7	4.7	N	12
13	O	O	O	O	O	O	O	0.0	0.0	4.7	4.7	O	13
14								0.0	0.0	4.7	4.7		14
15								0.0	0.0	4.7	4.7		15
16	F	F	F	F	F	F	F	0.0	0.0	4.7	4.7	F	16
17	L	L	L	L	L	L	L	0.0	0.0	4.7	3.1	L	17
18	O	O	O	O	O	O	O	0.0	3.5	4.7	1.9	O	18
19	W	W	W	W	W	W	W	0.0	6.7	4.7	1.9	W	19
20								0.0	6.7	4.7	0.0		20
21								0.0	6.7	4.7	0.0		21
22								0.0	6.7	4.7	0.0		22
23								0.0	6.7	4.7	0.0		23
24								0.0	6.7	4.7	0.0		24
25								3.7	6.7	4.7	0.0		25
26								4.8	6.7	4.7	0.0		26
27								4.8	6.7	3.1	0.0		27
28								4.8	6.7	1.9	0.0		28
29								4.8	4.5	1.9	0.0		29
30								4.8	0.0	1.9	0.0		30
31								4.8		1.9	0.0		31
MEAN								4.8	6.7	4.7	4.7		MEAN
MAX.								0.0	0.0	0.0	0.0		MAX.
MIN.													MIN.
AC. FT.								111	163	176	133		AC. FT.

Total Acre-Feet 583

TABLE B-19 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Diversion by open ditch and electric pump. Does not include pump on north side of river. Diversion partly estimated Due to intermittent operation of the pump and condition of the measuring station, continuous measurement was not possible. Water may have flowed other days.						0.0	4.3	3.0	3.6	5.7		1
2							0.0	4.3	3.0	3.6	5.7		2
3							0.0	4.3	0.0	2.8	5.7		3
4							0.0	2.5	0.0	2.0	5.7		4
5							0.0	0.0	0.0	2.0	5.7		5
6							0.0	0.0	0.0	2.0	5.7		6
7							0.0	0.0	0.0	2.0	5.7		7
8							0.0	0.0	0.0	2.0	5.7		8
9							0.0	0.0	0.0	2.0	5.7		9
10							0.0	0.0	0.0	2.0	5.7		10
11							0.0	0.0	2.8	2.8	5.7		11
12	N	N	N	N	N	N	0.0	0.0	5.4	6.5	5.7	N	12
13	O	O	O	O	O	O	0.0	0.0	5.4	6.5	2.8	O	13
14							0.0	0.0	5.4	6.5	0.0		14
15							0.0	0.0	5.4	6.5	0.0		15
16	F	F	F	F	F	F	0.0	0.0	5.4	6.5	0.0	F	16
17	L	L	L	L	L	L	0.0	3.2	5.4	6.5	0.0	L	17
18	O	O	O	O	O	O	0.0	4.1	5.4	6.5	0.0	O	18
19	W	W	W	W	W	W	0.0	4.1	5.4	6.5	0.0	W	19
20							0.0	4.1	4.5	6.5	0.0		20
21							0.0	4.1	3.6	6.5	0.0		21
22							0.0	4.1	3.6	3.2	0.0		22
23							2.0	4.1	3.6	3.2	0.0		23
24							4.3	4.1	3.6	3.2	0.0		24
25							4.3	4.1	3.6	3.2	0.0		25
26							4.3	4.1	3.6	3.2	0.0		26
27							4.3	4.1	3.6	3.2	0.0		27
28							2.0	4.1	3.6	3.2	0.0		28
29							2.0	3.0	3.6	3.2	0.0		29
30							4.3	3.0	3.6	5.7	0.0		30
31								3.0		5.7	0.0		31
MEAN													MEAN
MAX.							4.3	4.3	5.4	6.5	5.7		MAX.
MIN.							0.0	0.0	0.0	2.0	0.0		MIN.
AC. FT.							55	144	183	255	141		AC. FT.

Total Acre-Feet 778

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Diversion by open ditch and electric pump. Does not include pump on north side of river. Diversion partly estimated. Due to intermittent operation of the pump and the condition of the measuring station, continuous measurement was not possible, water may have flowed other days.							0	2.0	2.0			1
2								0	2.0	2.0			2
3								0	2.0	2.0			3
4								0	2.0	2.0			4
5								0	2.0	2.0			5
6								0	2.0	2.0			6
7								0	2.0	4.3			7
8								0	2.0	6.5			8
9								0	4.1	6.5			9
10								0	4.1	6.5			10
11								0	4.1	6.5			11
12	N	N	N	N	N	N	N	0	4.1	3.2	N	N	12
13	O	O	O	O	O	O	O	0	4.1	4.1	O	O	13
14								0	2.0	4.1			14
15								0	2.0	4.1			15
16	F	F	F	F	F	F	F	0	4.2	4.1	F	F	16
17	L	L	L	L	L	L	L	0	5.3	4.1	L	L	17
18	O	O	O	O	O	O	O	0	5.3	4.1	O	O	18
19	W	W	W	W	W	W	W	0	5.3	4.1	W	W	19
20								0	5.3	4.1			20
21								0	3.4	6.5			21
22								0	2.0	6.5			22
23								0	2.0	6.5			23
24								0	2.0	6.5			24
25								0	2.0	6.5			25
26								0	2.0	6.5			26
27								2.1	2.0	6.5			27
28								4.1	2.0	2.0			28
29								4.1	2.0	0			29
30								4.1	2.0	0			30
31								4.1		0			31
MEAN													MEAN
MAX.								4.1	5.3	6.5			MAX.
MIN.								0	2.0	0			MIN.
AC. FT.								37	173	250			AC. FT.

Total Acre-Feet 460

TABLE B-20

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		SWEENEY RIPARIAN PUMP - NORTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0.0		0.0	0.0	0.0	1.5		1
2						0.0		0.0	0.0	0.0	1.5		2
3						0.0		0.0	0.0	0.0	1.5		3
4						0.0		0.0	0.0	0.0	1.5		4
5						0.0		0.0	0.0	0.0	1.5		5
6						0.0		0.0	0.0	0.0	1.5		6
7						1.1		0.0	0.0	0.0	1.5		7
8						1.5		0.0	0.0	0.0	1.5		8
9						1.5		0.0	0.0	0.0	1.5		9
10						1.5		0.0	0.0	0.0	1.5		10
11						1.5		0.0	0.0	0.0	1.5		11
12	N	N	N	N	N	1.5	N	0.0	0.0	0.0	1.5	N	12
13	O	O	O	O	O	1.5	O	0.0	0.0	0.0	1.5	O	13
14						1.5		0.9	0.9	0.0	1.5		14
15						0.4		1.5	1.5	1.1	1.5		15
16	F	F	F	F	F	0.0	F	1.5	1.5	1.5	1.5	F	16
17	L	L	L	L	L	0.0	L	1.5	1.5	1.5	1.5	L	17
18	O	O	O	O	O	0.0	O	1.5	1.5	1.5	1.5	O	18
19	W	W	W	W	W	1.0	W	1.5	1.5	1.5	1.5	W	19
20						1.5		1.5	1.5	1.5	1.5		20
21						1.5		1.5	1.5	0.7	1.5		21
22						1.5		1.5	1.5	0.0	1.5		22
23						0.4		0.5	1.5	0.0	1.5		23
24						0.0		0.0	1.5	0.0	0.9		24
25						0.0		0.0	1.5	0.0	0.0		25
26						0.0		0.0	1.5	0.0	0.0		26
27						0.0		0.0	1.5	1.0	0.0		27
28						0.0		0.0	0.8	1.5	0.0		28
29						0.0		0.0	0.0	1.5	0.0		29
30						0.0		0.0	0.0	1.5	0.0		30
31						0.0		0.0	0.0	1.5	0.0		31
MEAN						1.5		1.5	1.5	1.5	1.5		MEAN
MAX.						0.0		0.0	0.0	0.0	0.0		MAX.
MIN.						36		27	42	32	70		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 207

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		SWEENEY RIPARIAN PUMP, NORTHSIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0.0	1.4	0.0	0.0	0.0			1
2						0.0	1.4	0.0	0.0	0.0			2
3						0.0	1.4	0.0	0.0	0.0			3
4						0.0	0.8	0.0	0.0	0.0			4
5						0.0	0.0	0.0	0.0	0.0			5
6						0.0	0.0	0.0	0.9	0.0			6
7						0.0	0.0	0.9	1.4	0.0			7
8						0.0	0.0	1.4	1.4	0.0			8
9						0.0	0.0	1.4	1.4	0.0			9
10						0.0	0.0	1.4	1.4	0.9			10
11						0.0	0.0	1.4	1.4	1.4			11
12	N	N	N	N	N	0.0	0.0	1.4	1.4	1.4	N	N	12
13	O	O	O	O	O	0.0	0.0	1.4	1.4	1.4	O	O	13
14						0.9	0.0	1.4	1.4	1.4			14
15						1.4	0.0	1.4	1.4	1.4			15
16	F	F	F	F	F	1.4	0.0	1.4	1.4	1.4	F	F	16
17	L	L	L	L	L	1.4	0.0	1.4	1.4	1.4	L	L	17
18	O	O	O	O	O	1.4	0.0	1.4	1.4	1.4	O	O	18
19	W	W	W	W	W	1.4	0.0	1.4	1.4	0.4	W	W	19
20						1.4	0.0	1.4	1.4	0.0			20
21						1.4		1.4	1.4	0.0			21
22						1.4	0.0	1.4	1.4	0.0			22
23						1.4	0.0	1.4	0.0	0.0			23
24						1.4	0.0	1.4	0.0	1.1			24
25						1.4	0.0	1.4	0.0	1.4			25
26						1.4	0.0	0.5	0.0	1.4			26
27						1.4	0.0	0.0	0.0	1.4			27
28						1.4	0.0	0.0	0.0	0.8			28
29						1.4	0.0	0.0	0.0	0.0			29
30						1.4	0.0	0.0	0.0	0.0			30
31						1.4	0.0	0.0	0.0	0.0			31
MEAN						1.4	1.4	1.4	1.4	1.4			MEAN
MAX.						0.0	0.0	0.0	0.0	0.0			MAX.
MIN.						49	10	50	45	37			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 191

TABLE B-20 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		SWEENEY RIPARIAN PUMP NORTHSIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

No Diversion during the 1973, 1974, 1975

TABLE B-2I

KETCHUM DITCH AT HEAD

Point of diversion - Five miles below McKay Point on the south bank of St. Johns Branch in the northeast quarter of Section 11, Township 18 South, Range 26 East, M.D.B. and M.

Maximum diversion capacity - 125 second-feet

Location of gaging station - 500 feet below head of ditch in the northeast quarter of Section 11, Township 18 South, Range 26 East, M.D.B. and M.

Description of gaging station - Open section, staff gage and water stage recorder rated by frequent current meter measurements prior to installation of Parshall flume in December 1936

Operating agencies - Visalia and Kaweah Water Company, Tulare Irrigation Company, and Tulare Irrigation District

Gross service area - Visalia and Kaweah Water Company, 18,300 acres; Tulare Irrigation Company, 7,300 acres; Tulare Irrigation District, 75,350 acres.

Period of record - 1917 to current year; intermittent during the years ending September 30, 1920, and 1924; no record during the years ending September 30, 1919, 1921, 1922, and 1923; continuous from May 1, 1917, to September 30, 1918, and from October 1, 1924, to current year

Remarks - The following tables list mean daily diversions of Ketchum Ditch from the St. Johns River which include deliveries for Visalia and Kaweah Water Company and for Tulare Irrigation Company.

Notes: Ketchum Ditch at head is total flow.

Ketchum Ditch (a) water to Visalia and Kaweah Water Company: This water transferred to Kaweah River and diverted by Fleming, Oakes, Evans, Watson and Persian Ditches.

Ketchum Ditch (b) water for Tulare Irrigation Company: This water transferred to Kaweah River and diverted by Tulare Irrigation Company.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0	26	13	59			0.0	61			1
2			0.0	26	11	60			0.0	61			2
3			0.0	25	11	60			0.0	62			3
4			0.0	26	11	60			0.0	61			4
5			0.0	25	11	61			0.0	61			5
6			0.0	28	11	61			0.0	25			6
7			0.0	30	11	60			0.0	0.0			7
8			0.0	25	16	60			0.0	0.0			8
9			0.0	14	25	61			0.0	0.0			9
10			0.0	12	25	61			0.0	0.0			10
11			0.0	12	26	60			0.0	0.0			11
12	N	N	0.0	12	28	60	N	N	0.0	0.0	N	N	12
13	O	O	0.0	12	28	61	O	O	0.0	0.0	O	O	13
14			15	12	31	61			13	0.0			14
15			33	13	41	60			57	0.0			15
16	F	F	20	13	50	55	F	F	59	0.0	F	F	16
17	L	L	33	13	50	50	L	L	59	0.0	L	L	17
18	O	O	32	13	50	50	O	O	60	0.0	O	O	18
19	W	W	28	14	50	50	W	W	60	0.0	W	W	19
20			28	14	53	50			59	0.0			20
21			29	14	58	49			60	0.0			21
22			30	14	58	22			60	0.0			22
23			29	13	57	0.0			59	0.0			23
24			27	13	58	0.0			60	0.0			24
25			26	13	58	0.0			59	0.0			25
26			26	13	59	0.0			60	0.0			26
27			26	13	59	0.0			60	0.0			27
28			27	13	58	0.0			61	0.0			28
29			27	13	0.0	0.0			61	0.0			29
30			27	13	0.0	0.0			60	0.0			30
31			27	13	0.0	0.0				0.0			31
MEAN			33	30	59	61			61	62			MEAN
MAX			0	12	11	0			0	0			MAX
MIN.			972	1012	2017	2442			1918	657			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 9018

TABLE B-21 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				42	59	59			0.0	40			1
2				42	59	59			0.0	40			2
3				42	57	45			0.0	40			3
4				42	61	31			0.0	40			4
5				42	64	31			0.0	40			5
6				41	65	31			42	40			6
7				41	67	33			42	40			7
8				41	59	13			42	40			8
9				41	56	13			42	40			9
10				41	54	0.0			44	35			10
11				41	54	0.0			44	37			11
12	N	N		41	58	0.0	N	N	43	39	N	N	12
13	O	O		41	59	0.0	O	O	42	39	O	O	13
14				41	59	0.0			45	22			14
15				41	59	0.0			44	0.0			15
16				41	59	0.0			43	0.0			16
17	F	F		42	62	0.0	F	F	42	0.0	F	F	17
18	L	L		42	69	0.0	L	L	41	0.0	L	L	18
19	O	O		42	70	0.0	O	O	40	0.0	O	O	19
20	W	W		51	70	0.0	W	W	41	0.0	W	W	20
21				59	71	0.0			41	0.0			21
22				61	71	0.0			41	0.0			22
23				62	65	0.0			41	0.0			23
24				62	57	0.0			40	0.0			24
25				59	58	0.0			39	0.0			25
26				58	58	0.0			41	0.0			26
27				59	57	0.0			41	0.0			27
28				59	58	0.0			39	0.0			28
29				59	59	0.0			40	0.0			29
30				59		0.0			40	0.0			30
31			41	60		0.0			40	0.0			31
MEAN													MEAN
MAX.			41	62	71	59			44	40			MAX.
MIN.			0	41	54	0			0	0			MIN.
AC. FT.			81	2965	3519	599			2075	1055			AC. FT.

Total Acre-Feet 10294

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	15	31	49	48	42	34	37	58	55		1
2		0	14	27	48	46	41	34	38	57	55		2
3		0	14	17	46	47	40	34	38	55	53		3
4		0	16	18	44	46	42	35	38	55	53		4
5		0	25	17	50	46	51	35	38	55	52		5
6		0	45	18	53	47	52	35	37	55	53		6
7		0	41	18	53	48	53	35	37	54	53		7
8		0	30	19	55	48	53	35	37	55	54		8
9		0	30	23	56	48	53	34	37	55	54		9
10		0	30	35	54	48	54	34	37	54	52		10
11		0	26	40	49	48	54	35	35	54	48		11
12	N	0	18	46	53	50	46	35	32	54	48	N	12
13	O	0	10	45	57	51	35	35	31	54	49	O	13
14		0	12	45	59	51	36	35	31	54	47		14
15		0	20	45	46	51	36	35	30	55	44		15
16				45	24	50	35	35	29	55	47		16
17	F	21	15	30	21	49	36	35	28	55	42	F	17
18	L	49	15	19	21	48	35	35	35	55	31	L	18
19	O	48	19	20	21	47	34	35	42	55	30	O	19
20	W	47	30	20	21	47	34	35	38	55	38	W	20
21		37	31	20	21	46	34	35					21
22													22
23		16	38	20	21	45	34	35	36	56	37		23
24		24	43	20	21	41	34	35	35	56	47		24
25		23	39	21	39	40	34	35	31	55	44		25
26		23	39	21	66	40	34	35	31	56	43		26
27		22	39	21	70	42	34	35	42	57	41		27
28		23	21	20	64	42	34	36	58	58	43		28
29		22	19	20	60	41	34	36	58	56	38		29
30		20	19	20	54	43	34	36	58	56	5		30
31		19	22	31	31	43	35	37	58	56	0		31
32		18	30	47	43	43	34	37	58	56	0		32
33		31	31	49	42	42		37		56	0		33
MEAN													MEAN
MAX.		49	45	49	70	51	54	37	58	58	55		MAX.
MIN.		0	10	17	21	40	34	34	28	54	0		MIN.
AC. FT.		817	1579	1722	2529	2826	2386	2160	2321	3406	2497		AC. FT.

Total Acre-Feet 22237

TABLE B-21 (Cont'd)
DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Dry		34		41	53	32	32	36	41	39	Dry	1
2			34		41	50	32	32	35	42	38		2
3	Includes Central		34		41	50	31	32	35	42	38		3
4	Valley Project		39		41	49	32	32	35	42	40		4
5	Water		42		42	45	31	32	34	42	40		5
6			45		47	36	31	32	34	42	40		6
7			45	0	51	32	31	32	36	42	41		7
8			45	31	53	31	31	32	36	42	40		8
9			45	58	53	31	30	32	36	42	39		9
10			45	57	53	31	31	32	35	42	38		10
11			45	57	54	30	31	32	34	42	37		11
12			42	58	54	31	31	32	34	41	36		12
13			37	58	54	33	31	32	34	40	35	N O	13
14			18	58	54	33	31	32	34	40	34		14
15			0	56	54	33	32	32	34	40	32		15
16				55	54	34	32	31	33	40	30		16
17				56	54	34	32	31	38	40	30		17
18				58	54	34	33	32	42	40	29		18
19				58	52	36	33	32	42	40	28		19
20				59	53	36	32	32	41	40	27		20
21				59	56	36	33	32	41	41	27		21
22			0	56	56	36	33	32	41	40	26		22
23			3	57	56	36	33	32	41	40	24		23
24			5	56	56	36	33	32	41	40	22		24
25			5	55	56	34	33	33	41	40	15		25
26		0	5	54	56	32	33	33	41	39	7		26
27		20	3	53	56	32	24	33	41	40	0		27
28		34	0	53	56	32	8	34	41	38			28
29		34		48		33	26	35	41	38			29
30		34		41		33	32	36	41	38			30
31				41		33		35		39			31
MEAN													MEAN
MAX.		34	45	59	56	53	33	36	42	42	41		MAX.
MIN.		0	0	0	41	30	8	31	33	38	0		MIN.
AC. FT.		242	1133	2563	2872	2212	1821	1993	2237	2489	1650		AC. FT.

Total Acre-feet for the Year: 19,212

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	18	11	58	0	39	0	29	27	4	1
2			0	18	11	58	0	39	0	29	27	0	2
3			0	18	11	52	0	39	0	29	27	0	3
4			0	19	11	49	0	39	3	29	27	0	4
5			0	21	11	50	0	40	7	29	26	0	5
6			0	21	14	51	0	40	7	29	26	0	6
7			0	19	21	52	0	41	7	30	29	0	7
8			0	32	21	52	0	41	8	30	31	0	8
9			0	40	21	53	0	41	8	30	31	0	9
10			0	45	23	51	0	41	8	30	30	0	10
11			0	52	25	48	0	41	8	29	30	0	11
12	N O	N O	0	52	25	47	0	40	8	31	29	0	12
13			0	52	26	46	0	40	8	31	29	0	13
14			0	51	26	45	0	21	7	31	29	0	14
15			0	38	27	43	0	0	7	31	29	0	15
16			0	37	27	43	0	0	18	30	29	0	16
17	F L O W	F L O W	0	37	36	30	0	0	39	28	28	0	17
18			0	37	49	11	0	0	44	28	28	0	18
19			0	37	45	5	0	0	42	28	27	0	19
20			0	37	49	5	0	0	41	28	27	0	20
21			0	37	53	4	0	0	41	27	27	0	21
22			0	38	53	4	0	0	40	26	28	0	22
23			0	39	53	4	0	0	41	26	28	0	23
24			0	38	53	4	0	0	41	26	28	0	24
25			0	37	53	0	15	0	41	26	28	0	25
26			0	37	54	0	36	0	37	26	28	0	26
27			0	37	55	0	42	0	30	26	28	0	27
28			0	37	57	0	40	0	29	26	28	0	28
29			6	32		0	40	0	29	27	26	0	29
30			14	26		0	40	0	29	27	14	0	30
31				19		0		0		27	8		31
MEAN													MEAN
MAX.			14	52	57	58	42	41	44	31	31	4	MAX.
MIN.			0	18	11	0	0	0	0	26	8	0	MIN.
AC. FT.			40	2099	1827	1716	422	1075	1246	1743	1660	8	AC. FT.

Total Acre-Feet 11836

TABLE B-21a

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0	26	13	59							1
2			0.0	26	11	60							2
3			0.0	25	11	60							3
4			0.0	26	11	60							4
5			0.0	25	11	61							5
6			0.0	28	11	61							6
7			0.0	30	11	60							7
8			0.0	25	16	60							8
9			0.0	14	25	61							9
10			0.0	12	25	61							10
11			0.0	12	26	60							11
12	N	N	0.0	12	28	60	N	N	N	N	N	N	12
13	O	O	0.0	12	28	61	O	O	O	O	O	O	13
14			15	12	31	61							14
15			33	13	41	60							15
16	F	F	20	13	50	55	F	F	F	F	F	F	16
17	L	L	33	13	50	50	L	L	L	L	L	L	17
18	O	O	32	13	50	50	O	O	O	O	O	O	18
19	W	W	28	14	50	50	W	W	W	W	W	W	19
20			28	14	53	50							20
21			29	14	58	49							21
22			30	14	58	22							22
23			29	13	57	0.0							23
24			27	13	58	0.0							24
25			26	13	58	0.0							25
26			26	13	59	0.0							26
27			26	13	59	0.0							27
28			27	13	58	0.0							28
29			27	13		0.0							29
30			27	13									30
31			27	13									31
MEAN			33	30	59	61							MEAN
MAX.			0.0	12	11	0.0							MAX.
MIN.			972	1012	2017	2442							MIN.
AC. FT.													AC. FT.

Total Acre-Feet 6443

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0	42	59	59			0.0	40			1
2			0.0	42	59	59			0.0	40			2
3			0.0	42	57	45			0.0	40			3
4			0.0	42	61	31			0.0	40			4
5			0.0	42	64	31			7	40			5
6			0.0	41	65	31			42	40			6
7			0.0	41	67	33			42	40			7
8			0.0	41	59	13			42	40			8
9			0.0	41	56	0.0			42	40			9
10			0.0	41	54	0.0			44	35			10
11			0.0	41	54	0.0			44	37			11
12	N	N	0.0	41	58	0.0	N	N	43	39	N	N	12
13	O	O	0.0	41	59	0.0	O	O	42	39	O	O	13
14			0.0	41	59	0.0			44	22			14
15			0.0	41	59	0.0			44	0.0			15
16	F	F	0.0	41	59	0.0	F	F	43	0.0	F	F	16
17	L	L	0.0	42	62	0.0	L	L	42	0.0	L	L	17
18	O	O	0.0	42	69	0.0	O	O	41	0.0	O	O	18
19	W	W	0.0	42	70	0.0	W	W	40	0.0	W	W	19
20			0.0	51	70	0.0			41	0.0			20
21			0.0	59	71	0.0			41	0.0			21
22			0.0	61	71	0.0			41	0.0			22
23			0.0	62	65	0.0			41	0.0			23
24			0.0	62	57	0.0			40	0.0			24
25			0.0	59	58	0.0			39	0.0			25
26			0.0	58	58	0.0			41	0.0			26
27			0.0	59	57	0.0			41	0.0			27
28			0.0	59	58	0.0			39	0.0			28
29			0.0	59	59	0.0			40	0.0			29
30			0.0	59		0.0			40	0.0			30
31			41	60		0.0			40	0.0			31
MEAN			41	62	71	59			44	40			MEAN
MAX.			0	41	54	0			0	0			MAX.
MIN.			81	2965	3519	599			2075	1055			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 10294

TABLE B-21a (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	15	31	49		17				0		1
2		0	14	27	48		41				0		2
3		0	14	17	46		40				0		3
4		0	16	18	44		42				0		4
5		0	25	17	50		51				0		5
6		0	45	18	53		52				0		6
7		0	41	18	53		53				0		7
8		0	30	19	55		53				0		8
9		0	30	23	56		53				0		9
10		0	30	35	54		32				0		10
11		0	26	40	29		0				0		11
12	N	0	18	46	0	N	0	N	N	N	0	N	12
13	O	0	10	45	0	O	0	O	O	O	20	O	13
14		0	12	45	0		0				47		14
15		0	20	45	0		0				44		15
16	F	21	15	45	0	F	0	F	F	F	47	F	16
17	L	49	15	18	0	L	0	L	L	L	42	L	17
18	O	48	19	0	0	O	0	O	O	O	31	O	18
19	W	47	30	0	0	W	0	W	W	W	30	W	19
20		37	31	0	0		0				38		20
21		16	38	0	0		0				37		21
22		24	43	0	0		0				47		22
23		23	39	9	0		0				44		23
24		23	39	21	0		0				43		24
25		22	39	21	0		0				41		25
26		23	21	20	0		0				43		26
27		22	19	20	0		0				38		27
28		20	19	20	0		0				5		28
29		19	22	31			0				0		29
30		18	30	47			0				0		30
31			31	49			0				0		31
MEAN													MEAN
MAX.		49	45	49	56		53				47		MAX.
MIN.		0	10	0	0		0				0		MIN.
AC. FT.		817	1579	1478	1065		861				1184		AC. FT.

Total Acre-Feet 6984

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Dry	.	34		41	53	Dry	Dry	Dry	Dry	Dry	Dry	1
2			34		41	50							2
3	Includes CVP		34		41	50							3
4	water		39		41	49							4
5			42		42	45							5
6			45		47	20							6
7			45	0	51	0							7
8			45	31	53								8
9			45	58	53								9
10			45	57	53								10
11			45	57	54								11
12			42	58	54								12
13			37	58	54								13
14			18	58	54								14
15			0	56	54								15
16				55	54								16
17				56	54								17
18				31	54								18
19				0	52								19
20					53								20
21					56								21
22			0		56								22
23			3		56								23
24			5	0	56								24
25			5	25	56								25
26		0	5	54	56								26
27		20	3	53	56								27
28		34	0	53	56								28
29		34		48	0								29
30		34		41									30
31				41									31
MEAN													MEAN
MAX.		34	45	58	56	53							MAX.
MIN.		0	0	0	41	0							MIN.
AC. FT.		242	1133	1765	2872	530							AC. FT.

Total Acre-Feet for the Year: 6,542

TABLE B-21a (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	18	11	58	0	39					1
2			0	18	11	58	0	39					2
3			0	18	11	52	0	39					3
4			0	19	11	49	0	39					4
5			0	21	11	50	0	40					5
6			0	21	14	51	0	40					6
7			0	19	21	52	0	41					7
8			0	32	21	52	0	41					8
9			0	40	21	53	0	41					9
10			0	45	23	51	0	41					10
11			0	52	25	48	0	41					11
12	N	N	0	52	25	47	0	40	N	N	N	N	12
13	O	O	0	52	26	46	0	40	O	O	O	O	13
14			0	51	26	45	0	21					14
15			0	38	27	43	0	0					15
16			0	37	27	43	0	0					16
17	F	F	0	37	36	30	0	0	F	F	F	F	17
18	L	L	0	37	49	11	0	0	L	L	L	L	18
19	O	O	0	37	45	5	0	0	O	O	O	O	19
20	W	W	0	37	49	5	0	0	W	W	W	W	20
21			0	37	53	4	0	0					21
22			0	38	53	4	0	0					22
23			0	39	53	4	0	0					23
24			0	38	53	4	0	0					24
25			0	37	53	0	15	0					25
26			0	37	54	0	36	0					26
27			0	37	55	0	42	0					27
28			0	37	57	0	40	0					28
29			0	32		0	40	0					29
30			6	26		0	40	0					30
31			14	19		0		0					31
MEAN													MEAN
MAX.			14	52	57	58	40	41					MAX.
MIN.			6	18	11	0	0	0					MIN.
AC. FT.			40	2099	1827	1716	422	1075					AC. FT.

Total Acre-Feet 7179

TABLE B-21b

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0.0	61			1
2									0.0	61			2
3									0.0	62			3
4									0.0	61			4
5									0.0	61			5
6									0.0	25			6
7									0.0	0.0			7
8									0.0	0.0			8
9									0.0	0.0			9
10									0.0	0.0			10
11									0.0	0.0			11
12	N	N	N	N	N	N	N	N	0.0	0.0	N	N	12
13	O	O	O	O	O	O	O	O	0.0	0.0	O	O	13
14									13	0.0			14
15									57	0.0			15
16									59	0.0			16
17	F	F	F	F	F	F	F	F	59	0.0	F	F	17
18	L	L	L	L	L	L	L	L	60	0.0	L	L	18
19	O	O	O	O	O	O	O	O	60	0.0	O	O	19
20	W	W	W	W	W	W	W	W	59	0.0	W	W	20
21									60	0.0			21
22									60	0.0			22
23									59	0.0			23
24									60	0.0			24
25									59	0.0			25
26									60	0.0			26
27									60	0.0			27
28									61	0.0			28
29									61	0.0			29
30									60				30
31													31
MEAN													MEAN
MAX.									61	62			MAX.
MIN.									0.0	0.0			MIN.
AC. FT.									1918	657			AC. FT.

Total Acre-Feet 2575

TABLE B-21b (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N	N	N	N	N	N	N	N	12
13	O	O	O	O	O	O	O	O	O	O	O	O	13
14													14
15													15
16	F	F	F	F	F	F	F	F	F	F	F	F	16
17	L	L	L	L	L	L	L	L	L	L	L	L	17
18	O	O	O	O	O	O	O	O	O	O	O	O	18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	48	25	34	37	58	55		1
2				0	0	46	0	34	38	57	55		2
3				0	0	47	0	34	38	55	53		3
4				0	0	46	0	35	38	55	53		4
5				0	0	46	0	35	38	55	52		5
6				0	0	47	0	35	37	55	53		6
7				0	0	48	0	35	37	54	53		7
8				0	0	48	0	35	37	55	54		8
9				0	0	48	0	34	37	55	54		9
10				0	0	48	22	34	37	54	52		10
11				0	20	48	54	35	35	54	48		11
12	N	N	N	0	53	50	46	35	32	54	48	N	12
13	O	O	O	0	57	51	35	35	31	54	29	O	13
14				0	59	51	36	35	31	54	0		14
15				0	46	51	36	35	30	55	0		15
16	F	F	F	0	24	50	35	35	29	55	0	F	16
17	L	L	L	12	21	49	36	35	28	55	0	L	17
18	O	O	O	19	21	48	35	35	35	55	0	O	18
19				20	21	47	34	35	42	55	0		19
20				20	21	46	34	35	38	55	0		20
21				20	21	45	34	35	36	56	0		21
22				20	21	41	34	35	35	56	0		22
23				12	39	40	34	35	31	55	0		23
24				0	66	40	34	35	31	56	0		24
25				0	70	42	34	35	42	57	0		25
26				0	64	42	34	36	58	58	0		26
27				0	60	41	34	36	58	56	0		27
28				0	54	43	34	36	58	56	0		28
29				0		43	35	37	58	56	0		29
30				0		43	34	37	58	56	0		30
31				0		42		37		56	0		31
MEAN				20	70	51	54	37	58	58	55		MEAN
MAX.				0	0	40	0	34	28	54	0		MAX.
MIN.				244	1464	2826	1525	2160	2321	2406	1307		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 15253

TABLE B-21b (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0		0	32	32	36	41	39		1
2				0		0	32	32	35	42	38		2
3				0		0	31	32	35	42	38		3
4				0		0	32	32	35	42	40		4
5				0		0	31	32	34	42	40		5
6				0		16	31	32	34	42	40		6
7				0		32	31	32	36	42	41		7
8				0		31	31	32	36	42	40		8
9				0		31	30	32	36	42	39		9
10				0		31	31	32	35	42	38		10
11				0	N	30	31	32	34	42	37	N	11
12				0	O	31	31	32	34	41	36	O	12
13				0		33	31	32	34	40	35		13
14				0		33	31	32	34	40	34		14
15				0		33	32	32	34	40	32		15
16				0		34	32	31	33	40	30	F	16
17				0		34	32	31	38	40	30	L	17
18				27		34	33	32	42	40	29	O	18
19				58		36	33	32	42	40	28	W	19
20				59		36	32	32	41	40	27		20
21				59		36	33	32	41	41	27		21
22				56		36	33	32	41	40	26		22
23				57		36	33	32	41	40	24		23
24				56		36	33	32	41	40	22		24
25				30		34	33	33	41	40	15		25
26				0		32	33	33	41	39	7		26
27				0		32	24	33	41	40	0		27
28				0		32	8	34	41	38	0		28
29				0		33	26	35	41	38	0		29
30				0		33	32	36	41	38	0		30
31				0		33		35		39	0		31
MEAN				59		36	33	36	42	38	41		MEAN
MAX.				0		0	8	31	33	42	7		MAX.
AC. FT.				798		1682	1821	1993	2237	2489	1650		AC. FT.

Total Acre-Feet 12670

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	29	27	4	1
2									0	29	27	0	2
3									0	29	27	0	3
4									3	29	27	0	4
5									7	29	26	0	5
6									7	29	26	0	6
7									7	30	29	0	7
8									8	30	31	0	8
9									8	30	31	0	9
10									8	30	30	0	10
11									8	29	30	0	11
12	N	N	N	N	N	N	N	N	8	31	29	0	12
13	O	O	O	O	O	O	O	O	8	31	29	0	13
14									7	31	29	0	14
15									7	31	29	0	15
16	F	F	F	F	F	F	F	F	18	30	29	0	16
17	L	L	L	L	L	L	L	L	39	28	28	0	17
18	O	O	O	O	O	O	O	O	44	28	28	0	18
19	W	W	W	W	W	W	W	W	42	28	27	0	19
20									41	28	27	0	20
21									41	27	27	0	21
22									40	26	28	0	22
23									41	26	28	0	23
24									41	26	28	0	24
25									41	26	28	0	25
26									37	26	28	0	26
27									30	26	28	0	27
28									29	26	28	0	28
29									29	27	26	0	29
30									29	27	14	0	30
31										28	8		31
MEAN									44	31	31	4	MEAN
MAX.									0	26	8	0	MAX.
AC. FT.									1246	1743	1660	8	AC. FT.

Total Acre-Feet 4657

TABLE B-22

PACKWOOD CANAL FROM ST. JOHNS RIVER

Point of diversion - Five and one-half miles below McKay Point on the south bank of St. Johns Branch in the northeast quarter of Section 10, Township 18 South, Range 26 East, M.D.B. and M.

Maximum diversion capacity - 300 second-feet

Location of gaging station - Two miles below head of canal in the northwest quarter of Section 16, Township 18 South, Range 26 East, M.D.B. and M.

Description of gaging station - Open channel section through solid rock, staff gage and water stage recorder, rated by frequent current meter measurements.

Operating agency - Packwood Canal Company through 1948 and Tulare Irrigation District thereafter

Gross service area - 15,000 acres (served by Packwood Canal)

Period of record - 1917 to current year; no record during the years ending September 30, 1918, 1919, 1920, 1922, and 1923; partial record during 1921; continuous from May 1 to September 30, 1917, and from October 1, 1924, to current year

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		PACKWOOD CANAL FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSIONS DURING THE YEARS 1971, 1972, 1974

TABLE B-22 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		PACKWOOD CANAL FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	18	11	59					1
2					0	17	11	59					2
3					0	16	10	57					3
4					0	15	14	56					4
5					0	15	25	57					5
6					0	14	32	58					6
7					0	14	33	60					7
8					0	14	33	61					8
9					0	14	37	36					9
10					0	14	41	0					10
11					0	15	41	0					11
12	N	N	N	N	3	16	37	0	N	N	N	N	12
13	O	O	O	O	20	16	35	0	O	O	O	O	13
14					24	16	35	0					14
15					15	16	35	0					15
16	F	F	F	F	8	16	35	0	F	F	F	F	16
17	L	L	L	L	8	15	38	0	L	L	L	L	17
18	O	O	O	O	8	15	45	0	O	O	O	O	18
19	W	W	W	W	8	15	45	0	W	W	W	W	19
20					11	15	44	0					20
21					18	14	45	0					21
22					18	10	47	0					22
23					18	9	45	0					23
24					18	8	44	0					24
25					18	9	47	0					25
26					18	11	52	0					26
27					18	11	53	0					27
28					18	11	54	0					28
29						11	55	0					29
30						11	57	0					30
31						11		0					31
MEAN													MEAN
MAX.					24	18	57	61					MAX.
MIN.					0	8	10	0					MIN.
AC. FT.					494	837	2253	998					AC. FT.

Total Acre-Feet 4582

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		PACKWOOD CANAL FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Central Valley Project May 2-14th.							0	0				1
2								7	0				2
3								22	0				3
4								20	0				4
5								20	0				5
6								20	0				6
7								20	0				7
8								20	0				8
9								20	0				9
10								18	0				10
11								19	0				11
12	N	N	N	N	N	N	N	18	0	N	N	N	12
13	O	O	O	O	O	O	O	18	0	O	O	O	13
14								13	0				14
15								2	0				15
16	F	F	F	F	F	F	F	1	3	F	F	F	16
17	L	L	L	L	L	L	L	0	11	L	L	L	17
18	O	O	O	O	O	O	O	0	17	O	O	O	18
19	W	W	W	W	W	W	W	0	13	W	W	W	19
20								0	8				20
21								0	8				21
22								0	8				22
23								0	7				23
24								0	7				24
25								0	7				25
26								0	6				26
27								0	4				27
28								0	1				28
29								0	0				29
30								0	0				30
31								0	0				31
MEAN													MEAN
MAX.								22	17				MAX.
MIN.								0	0				MIN.
AC. FT.								472	200				AC. FT.

Total Acre-Feet 672

TABLE B-23

TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

Point of diversion - 6-1/2 miles below McKay Point on the north bank of St. Johns Branch in the northwest quarter of Section 10, Township 18 South, Range 26 East, M.D.B. and M.

Maximum diversion capacity - 500 second-feet

Location of gaging station - 2-1/4 miles below head of canal at the siphon crossing St. Johns Branch in the southeast quarter of Section 17, Township 18 South, Range 26 East, M.D.B. and M.

Description of gaging station - Prior to 1951 at flume section, with staff gage and water stage recorder, rated by frequent current meter measurements. Because of the shape of the flume entrance, it was in effect a Parshall flume with a constant rating. Since 1951 the gaging station has been at the entrance of the siphon across St. Johns River.

Operating agency - Tulare Irrigation District

Gross area of Tulare Irrigation District - Prior to January 1948, 33,500 acres; since October 1948, 75,350 acres

Period of record - 1917 to current year

Remarks: Quantities in this table do not include water received from Wutchuma Ditch nor water from the Central Valley Project also measured at this point which are shown on separate tables.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	288			1
2									0	302			2
3									0	301			3
4									0	311			4
5									0	306			5
6	Includes water transferred from Lakeside Ditch Company								0	304			6
7									0	304			7
8									0	304			8
9									0	302			9
10									0	302			10
11									0	306			11
12	N	N	N	N	N	N	N	N	0	289	N	N	12
13	O	O	O	O	O	O	O	O	0	255	O	O	13
14									0	259			14
15									0	261			15
16	F	F	F	F	F	F	F	F	0	261	F	F	16
17	L	L	L	L	L	L	L	L	0	268	L	L	17
18	O	O	O	O	O	O	O	O	0	275	O	O	18
19	W	W	W	W	W	W	W	W	0	138	W	W	19
20									0	0			20
21									0	0			21
22									0	0			22
23									42	0			23
24									81	0			24
25									94	0			25
26									126	0			26
27									143	0			27
28									209	0			28
29									245	0			29
30									263	0			30
31													31
MEAN									263	311			MEAN
MAX.									0	0			MAX.
MIN.									0	0			MIN.
AC. FT.									2386	10584			AC. FT.

Total Acre-Feet 12970

TABLE B-23 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N	N	N	N	N	N	N	N	12
13	O	O	O	O	O	O	O	O	O	O	O	O	13
14													14
15													15
16	F	F	F	F	F	F	F	F	F	F	F	F	16
17	L	L	L	L	L	L	L	L	L	L	L	L	17
18	O	O	O	O	O	O	O	O	O	O	O	O	18
19	W	W	W	W	W	W	W	W	W	W	W	W	19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	54	112	0	189	0	180		1
2				0	0	69	75	0	190	0	180		2
3				0	0	18	25	0	190	0	186		3
4				0	0	18	0	0	215	0	199		4
5				0	0	7	0	0	253	0	200		5
6				0	0	0	0	0	285	0	204		6
7				0	0	0	0	0	343	0	201		7
8				0	0	0	0	0	357	0	211		8
9				0	0	0	0	0	359	0	210		9
10				0	0	0	0	0	359	0	130		10
11				0	0	0	0	0	357	0	96		11
12	N	N	N	0	0	66	0	0	348	0	69	N	12
13	O	O	O	0	0	43	0	0	342	0	72	O	13
14				0	0	37	0	0	342	0	72		14
15				0	33	39	0	0	348	0	50		15
16	F	F	F	0	39	38	0	0	235	0	7	F	16
17	L	L	L	104	44	39	0	0	34	0	0	L	17
18	O	O	O	123	39	40	0	0	0	0	0	O	18
19	W	W	W	93	36	37	0	0	0	0	0	W	19
20				104	38	51	0	0	0	0	0		20
21				107	28	39	0	0	0	0	0		21
22				106	14	45	0	0	0	0	0		22
23				110	32	37	0	0	0	0	0		23
24				112	36	34	0	0	0	37	0		24
25				95	52	35	0	0	0	118	0		25
26				113	54	34	0	33	0	144	0		26
27				4	54	87	0	184	0	166	0		27
28				5	56	127	0	181	0	187	0		28
29				0		111	0	183	0	185	0		29
30				0		111	0	182	0	188	0		30
31				0		112		185		182	0		31
MEAN				123	56	127	112	185	359	188	211		MEAN
MAX.				0	0	0	0	0	0	0	0		MAX.
MIN.				2134	1101	2634	421	1880	9414	2394	4497		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 24475

TABLE B-23 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									351	64	121		1
2									350	192	126		2
3									348	196	126		3
4									286	195	125		4
5									211	195	124		5
6									228	194	158		6
7									335	198	188		7
8									453	192	187		8
9									450	197	184		9
10									462	211	174		10
11									343	210	172		11
12	N O		N O		N O	N O	N O		208	208	145	N O	12
13		0							204	208	144		13
14		26							205	213	133		14
15		111							151	202	130		15
16		111							81	197	122		16
17	F L O W	111	F L O W		F L O W	F L O W	F L O W		34	238	114	F L O W	17
18		111							31	200	101		18
19		130							15	196	106		19
20		205		0					0	209	105		20
21		207		35						207	36		21
22		204		92						194	0		22
23		201		89						197			23
24		196		92						195			24
25		213		88						144			25
26		199		85						105			26
27		86		85						104			27
28		9		83				0		103			28
29		0		100				164		97			29
30				41				341		107			30
31				0				350		128			31
MEAN													MEAN
MAX.		213		100				350	462	238	188		MAX.
MIN.		0		0				0	0	64	0		MIN.
AC. FT.		4205		1567				1696	9414	10901	5595		AC. FT.

Total Acre-Feet for the Year: 33378

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	0	381		1
2									0	0	380		2
3									0	0	379		3
4									0	0	374		4
5									0	0	371		5
6									0	0	358		6
7									220	0	287		7
8									298	0	297		8
9									255	0	277		9
10									240	0	242		10
11									346	155	234		11
12	N O	N O	N O	N O	N O	N O	N O	N O	453	265	231	N O	12
13									440	256	231		13
14									225	258	231		14
15									0	277	232		15
16									0	265	229		16
17	F L O W	F L O W	F L O W	F L O W	F L O W	F L O W	F L O W	F L O W	145	265	213	F L O W	17
18									287	258	205		18
19									144	251	207		19
20									0	265	199		20
21									0	267	189		21
22									0	284	196		22
23									0	284	196		23
24									0	280	198		24
25									0	259	198		25
26									0	254	187		26
27									0	254	190		27
28									0	279	192		28
29									0	337	82		29
30									0	361	0		30
31									0	368			31
MEAN													MEAN
MAX.									453	368	381		MAX.
MIN.									0	0	0		MIN.
AC. FT.									6056	11389	14253		AC. FT.

Total Acre-Feet 31698

TABLE B-24

FISHER RANCH RIPARIAN

Point of diversion - Two electric pumps north and south sides of St. Johns River, northeast of the southeast corner of Section 9, Township 18 South, Range 26 East, M.D.B. & M.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		FISHER RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0	Diversion by means of two electric pumps. Partly estimated.		0.0	2.7	8.0	5.0	0.0	8.7	8.7		1
2		0.0			0.0	3.4	6.9	5.0	0.0	8.7	8.7		2
3		0.0			0.0	3.4	8.0	1.4	0.0	8.7	8.7		3
4		0.0			0.0	2.4	6.5	0.0	0.0	8.7	8.7		4
5		0.0			0.0	0.0	5.3	0.0	0.0	8.7	8.7		5
6		0.0			0.0	0.0	6.5	0.0	0.0	8.7	8.7		6
7		0.0			0.0	0.0	3.4	0.0	0.0	8.7	8.7		7
8		0.0			0.0	0.0	6.5	0.0	6.1	8.7	8.7		8
9		0.0			0.0	0.0	8.0	0.0	8.7	8.7	8.7		9
10		0.0			0.0	0.0	6.5	0.0	8.7	8.7	8.7		10
11		0.0			0.0	0.0	3.4	0.0	8.7	8.7	7.4		11
12	N	0.0	N	N	0.0	0.0	3.4	0.0	8.7	8.7	6.0	N	12
13	O	0.0	O	O	0.0	0.0	2.4	0.0	8.7	8.7	6.0	O	13
14		0.0			0.0	0.0	1.6	0.0	8.7	8.7	6.0		14
15		0.0			0.0	2.3	1.1	0.0	8.7	8.7	6.0		15
16	F	3.3	F	F	0.0	6.1	0.0	0.0	8.7	8.7	6.0	F	16
17	L	4.6	L	L	0.0	6.9	2.3	0.0	8.7	8.7	6.0	L	17
18	O	4.6	O	O	0.0	3.4	4.6	0.0	8.7	8.7	3.3	O	18
19	W	4.6	W	W	0.0	4.9	6.1	0.0	8.7	8.7	3.3	W	19
20		2.1			0.0	8.0	8.0	0.0	8.70	8.7	3.3		20
21		0.0			0.0	8.0	8.0	0.0	8.7	8.7	3.3		21
22		0.0			0.0	8.0	6.5	0.0	8.7	8.7	3.3		22
23		0.0			0.0	8.0	4.6	0.0	8.7	8.7	3.3		23
24		0.0			0.0	8.0	4.6	0.0	8.7	8.7	2.4		24
25		0.0			1.2	8.0	4.6	0.0	8.7	8.7	1.6		25
26		0.0			3.4	8.0	5.0	0.0	8.7	8.7	0.0		26
27		0.0			2.7	8.0	5.0	0.0	8.7	8.7	0.0		27
28		0.0			0.0	8.0	5.0	0.0	8.7	8.7	2.3		28
29		0.0				8.0	5.0	0.0	8.7	8.7	2.3		29
30		0.0				8.0	5.0	0.0	8.7	8.7	2.3		30
31						8.0		0.0		8.7	0.0		31
MEAN													MEAN
MAX.													MAX.
MIN.		4.6			3.4	8.0	8.0	5.0	8.7	8.7	8.7		MIN.
AC. FT.		0.0			0.0	0.0	0.0	0.0	0.0	8.7	0.0		AC. FT.
		38			15	261	301	23	392	535	320		

Total Acre-Feet 1885

TABLE B-24 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		FISHER RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Diversions by means of two electric pumps. Partly estimated.				0.0	5.1	9.8		0.0	7.5	0.0		1
2					0.0	5.1	9.8		0.0	8.6	2.6		2
3					0.0	5.1	7.5		0.0	9.8	5.1		3
4					0.0	5.1	2.6		0.0	9.8	5.1		4
5					0.0	5.1	0.0		3.8	9.8	5.1		5
6					0.0	5.1	0.0		5.1	9.8	8.6		6
7					0.0	5.1	0.0		7.6	9.8	9.8		7
8					0.0	5.1	0.0		9.8	9.8	9.8		8
9					0.0	5.1	0.0		9.8	9.8	9.8		9
10					0.0	5.1	0.0		9.8	9.8	9.8		10
11					0.0	5.1	0.0		9.8	9.8	9.8		11
12	N	N	N	N	0.0	5.1	0.0	N	9.8	9.8	9.8	N	12
13	O	O	O	O	0.0	5.1	0.0	O	9.8	9.8	9.8	O	13
14					0.0	5.1	0.0		9.8	6.3	4.9		14
15					0.0	5.1	0.0		9.8	5.1	0.0		15
16	F	F	F	F	0.0	5.1	0.0	F	9.8	5.1	0.0	F	16
17	L	L	L	L	0.0	5.1	0.0	L	9.8	5.1	0.0	L	17
18	O	O	O	O	0.0	5.1	0.0	O	9.8	5.1	0.0	O	18
19					0.0	5.1	0.0		9.8	5.1	0.0		19
20					0.0	7.5	0.0		9.8	1.1	0.0		20
21					0.0	9.8	0.0		9.8	0.0	0.0		21
22					0.0	9.8	0.0		9.8	0.0	0.0		22
23					0.0	9.8	0.0		9.8	0.0	0.0		23
24					0.0	9.8	0.0		5.9	0.0	0.0		24
25					0.0	9.8	0.0		4.7	0.0	0.0		25
26					0.0	9.8	0.0		4.7	0.0	0.0		26
27					0.0	9.8	0.0		7.7	0.0	0.0		27
28					2.6	9.8	0.0		9.8	0.0	0.0		28
29					5.1	9.8	0.0		9.8	0.0	0.0		29
30						9.8	0.0		9.8	0.0	0.0		30
31						9.8	0.0			0.0	0.0		31
MEAN													MEAN
MAX.					5.1	9.8	9.8		9.8	9.8	9.8		MAX.
MIN.					0.0	5.1	0.0		0.0	0.0	0.0		MIN.
AC. FT.					15	421	59		448	311	198		AC. FT.

Total Acre-Feet 1452

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		FISHER RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Diversions by means of two electric pumps. Partly estimated.						0.0	9.8	9.8	9.8	8.5	8.5	1
2							0.0	5.7	9.8	7.0	8.5	8.5	2
3							0.0	0.0	9.8	4.2	8.5	6.4	3
4							2.8	0.0	9.8	7.9	8.5	5.6	4
5							5.6	2.1	9.8	9.8	8.5	5.6	5
6							5.6	4.2	9.8	9.8	8.5	5.6	6
7							5.6	4.2	9.8	9.8	8.5	5.6	7
8							7.7	4.2	9.8	9.8	8.5	5.6	8
9							9.8	4.2	9.8	9.8	8.5	5.6	9
10							9.8	4.2	9.8	9.8	8.5	5.6	10
11							9.8	4.2	9.8	9.8	8.5	5.6	11
12	N	N	N	N	N	N	9.8	4.2	9.8	9.8	8.5	5.6	12
13	O	O	O	O	O	O	9.8	4.2	9.8	9.8	8.5	0.0	13
14							9.8	8.4	9.8	9.8	8.5	0.0	14
15							9.8	9.8	9.8	9.8	8.5	0.0	15
16	F	F	F	F	F	F	9.8	9.8	9.8	9.8	8.5	0.0	16
17	L	L	L	L	L	L	9.8	9.8	9.8	9.8	8.5	0.0	17
18	O	O	O	O	O	O	9.8	7.0	9.8	9.8	8.5	0.0	18
19							9.8	4.2	9.8	9.8	8.5	0.0	19
20							9.8	4.2	9.8	9.8	8.5	0.0	20
21							9.8	4.2	9.8	9.8	8.5	0.0	21
22							9.8	4.2	9.8	9.8	8.5	0.0	22
23							9.8	7.9	9.8	9.8	8.5	0.0	23
24							9.8	9.8	9.8	9.8	8.5	0.0	24
25							9.8	9.8	9.8	9.8	8.5	0.0	25
26							9.8	9.8	9.8	9.8	8.5	0.0	26
27							9.8	9.8	9.8	9.2	8.5	0.0	27
28							9.8	9.8	9.8	8.5	8.5	0.0	28
29							9.8	9.8	9.8	8.5	8.5	0.0	29
30							9.8	9.8	9.8	8.5	8.5	0.0	30
31							9.8	9.8		8.5	8.5		31
MEAN													MEAN
MAX.							9.8	9.8	9.8	9.8	8.5	8.5	MAX.
MIN.							0.0	0.0	9.8	4.2	8.5	0.0	MIN.
AC. FT.							482	395	583	571	523	142	AC. FT.

Total Acre-Feet 2696

TABLE B-24 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

TABLE B-24 (Cont'd)														
DAILY MEAN DISCHARGE					WATER YEAR	STATION NO.	STATION NAME							
(IN CUBIC FEET PER SECOND)					1974		FISHER RANCH RIPARIAN							
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
1					0.0	4.3	0.0	7.4	3.1	8.7	8.7		1	
2					0.0	6.5	0.0	5.8	3.1	8.7	8.7		2	
3					0.0	6.5	2.2	2.6	3.1	8.7	8.7		3	
4					0.0	6.5	3.3	2.6	3.1	8.7	8.7		4	
5					0.0	6.5	3.3	2.6	3.1	8.7	8.7		5	
6					0.0	6.5	3.3	2.6	3.1	8.7	8.7		6	
7					0.0	6.5	3.3	2.6	3.1	8.7	8.7		7	
8					0.0	6.5	6.5	0.7	3.1	8.7	8.7		8	
9					0.0	8.4	8.1	0.0	3.1	8.7	8.7		9	
10					0.0	9.8	6.9	0.0	3.1	8.7	8.7		10	
11					0.0	9.8	4.8	2.4	3.1	8.7	7.7		11	
12					0.0	9.8	4.8	4.8	3.1	8.7	0.0	N	12	
13					0.0	9.8	4.8	4.8	3.1	8.7	0.0	O	13	
14					0.0	9.8	4.8	4.8	3.1	8.7	0.0		14	
15					0.0	9.8	4.8	4.8	3.1	8.7	0.0		15	
16					0.0	7.4	4.8	4.8	3.1	7.1	0.0		16	
17					0.0	3.3	4.8	4.8	3.1	3.1	0.0	F	17	
18					0.0	7.4	4.8	4.8	5.9	3.1	0.0	L	18	
19					0.0	9.8	4.8	4.8	8.7	3.1	0.0	O	19	
20					3.8	9.8	4.8	1.8	8.7	3.1	0.0	W	20	
21					6.5	9.8	4.8	0.0	8.7	3.1	0.0		21	
22					6.5	9.8	4.8	0.0	8.7	7.3	0.0		22	
23					6.5	9.8	4.8	2.2	8.7	8.7	0.0		23	
24					6.5	9.8	4.8	3.1	8.7	8.7	0.0		24	
25					4.3	9.8	4.9	3.1	8.7	8.7	0.0		25	
26					0.0	9.8	5.0	3.1	8.7	8.7	0.0		26	
27					0.0	9.8	3.8	3.1	8.7	8.7	0.0		27	
28					0.0	9.8	2.6	3.1	8.7	8.7	0.0		28	
29					0.0	9.8	2.6	3.1	8.7	8.7	0.0		29	
30						9.8	2.6	3.1	8.7	8.7	0.0		30	
31						6.0		3.1		8.7	0.0		31	
MEAN													MEAN	
MAX.					6.5	9.8	8.1	7.4	8.7	8.7	8.7		MAX.	
MIN.					0.0	3.3	0.0	0.0	3.1	3.1	0.0		MIN.	
AC. FT.					68	513	249	191	323	473	188		AC. FT.	

Total Acre-Feet 2005

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR													STATION NO.	STATION NAME	
1975														FISHER RANCH RIPARIAN	
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY		
1				0	5.6	0	5.7	5.7	0	7.9	2.8		1		
2	Diversion by 2 electric pumps.			0	5.6	0	5.7	5.7	0	7.9	2.8		2		
3				0	5.6	0	5.7	5.7	0	7.9	2.8		3		
4				0	5.6	0	5.7	5.7	0	7.9	2.8		4		
5				0	5.6	0	5.7	5.7	0	7.9	2.8		5		
6					0	5.6	0	5.7	5.7	0	7.9	2.8		6	
7				0	5.6	4.2	5.7	8.0	0	7.9	2.8		7		
8				0	5.6	5.6	5.7	9.1	0	7.1	2.1		8		
9				0	5.6	5.6	5.7	7.7	0	4.5	0		9		
10				0	5.6	3.1	5.7	3.4	0	4.5	0		10		
11				0	5.6	0	5.7	3.4	2.6	7.1	0		11		
12	NO	NO	NO	0	5.6	0	5.7	3.4	3.4	7.9	0	NO	12		
13				0	5.6	0	5.7	3.4	3.4	5.7	0		13		
14				0	5.6	0	5.7	3.4	3.4	3.4	0		14		
15				0	5.6	0	3.8	3.4	3.4	3.4	0		15		
16				FLOW	FLOW	FLOW	0	5.6	0	0	3.4		3.4	3.4	2.1
17	0	5.6	0				0	3.4	3.4	3.4	2.8	17			
18	0	5.6	0				0	3.4	3.4	3.4	2.8	18			
19	0	5.6	0				0	3.4	3.4	3.4	2.8	19			
20	0	5.6	0				0	3.4	3.4	3.4	2.8	20			
21				0	4.2	0	0	3.4	3.4	3.4	2.8		21		
22				4.3	2.8	0	0	3.4	3.4	3.4	2.8		22		
23				5.6	2.8	0	3.3	3.4	3.4	3.4	2.8		23		
24				5.6	2.8	0	5.7	3.4	3.4	3.4	2.8		24		
25				5.6	2.8	0	5.7	3.4	3.4	3.4	2.8		25		
26				5.6	2.8	4.2	5.7	3.4	7.2	3.4	2.8		26		
27				5.6	0	5.6	5.7	3.4	9.1	3.4	2.8		27		
28				5.6	0	5.6	5.7	3.4	9.1	3.4	2.8		28		
29				5.6	0	3.3	5.7	3.4	9.1	3.4	2.8		29		
30				5.6	0	0	5.7	3.4	9.1	3.4	2.8		30		
31				5.6	0	0	0	0	0	3.4	2.1		31		
MEAN				5.6	5.6	5.6	5.7	9.1	9.1	7.9	2.8		MEAN		
MAX.				0	0	0	0	3.4	0	3.4	0		MAX.		
MIN.				108	258	74	252	265	186	304	124		MIN.		
AC. FT.													AC. FT.		

Total Acre-Feet 1571

TABLE B-25

MATHEWS DITCH

Point of diversion - Twelve miles below McKay Point on the north bank of St. Johns Branch in the northeast quarter of Section 23, Township 18 South, Range 25 East, M.D.B. and M.

Maximum diversion capacity - 40 second-feet

Location of gaging station - One-quarter mile below head of ditch in the northwest quarter of Section 23, Township 18 South, Range 25 East, M.D.B. and M.

Description of gaging station - Open channel section, staff gage and water stage recorder rated by frequent current meter measurements; replaced by Parshall flume in 1936. This was used through the 1938 season, then open channel section until December 1948 when a 42-inch Calco metergate was installed with a differential recorder just below head of ditch.

Operating agency - Mathews Ditch Company

Gross service area - 2,500 acres

Period of record - 1917 to current year; intermittent during the years ending September 30, 1920, 1937, and 1938; no record during the years ending September 30, 1918, 1919, and 1923; continuous from May 2 to September 30, 1917, October 1, 1920, to September 30, 1922, October 1, 1923, to September 30, 1936, and from October 1, 1938, to September 30, current year

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0.0	6	11		0.0	14	17		1
2					0.0	6	9		0.0	14	17		2
3					0.0	6	10		0.0	14	17		3
4					0.0	6	10		0.0	14	17		4
5					0.0	7	10		0.0	14	17		5
6					0.0	7	1		0.0	14	17		6
7					0.0	7	0.0		0.0	14	17		7
8					0.0	10	0.0		0.0	14	17		8
9					0.0	10	0.0		3	15	16		9
10					0.0	11	0.0		10	15	17		10
11					0.0	11	0.0		11	15	17		11
12	N	N	N	N	0.0	11	0.0	N	11	15	17	N	12
13	O	O	O	O	0.0	10	0.0	O	12	15	17	O	13
14					0.0	9	0.0		12	15	17		14
15					0.0	9	0.0		12	15	17		15
16	P	P	P	P	0.0	10	0.0	F	12	15	17	P	16
17	L	L	L	L	0.0	11	0.0	L	12	15	17	L	17
18	O	O	O	O	0.0	12	0.0	O	12	15	17	O	18
19	W	W	W	W	0.0	12	0.0	W	12	16	17	W	19
20					0.0	12	0.0		13	17	17		20
21					0.0	12	0.0		13	17	17		21
22					0.0	12	0.0		11	17	17		22
23					0.0	13	0.0		10	17	19		23
24					0.0	12	0.0		13	17	16		24
25					0.0	12	0.0		13	17	15		25
26					5	13	0.0		13	17	19		26
27					7	13	0.0		13	17	15		27
28					6	13	0.0		13	17	0.0		28
29						13	0.0		14	17	0.0		29
30						12	0.0		14	17	0.0		30
31						11	0.0			17	0.0		31
MEAN					7	13	10		14	17	19		MEAN
MAX.					0.0	6	0.0		0.0	14	0.0		MAX.
MIN.					36	633	101		514	956	907		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3147

TABLE B-25 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0.0			0.0	15			1
2						0.0			0.0	15			2
3						0.0			0.0	15			3
4						0.0			0.0	15			4
5						0.0			0.0	15			5
6						0.0			0.0	15			6
7						7			5	15			7
8						14			9	15			8
9						14			9	14			9
10						18			11	9			10
11						18			12	1			11
12	N	N	N	N	N	18	N	N	13	2	N	N	12
13	O	O	O	O	O	18	O	O	15	2	O	O	13
14						19			15	0.0			14
15						19			15	0.0			15
16	F	F	F	F	F	17	F	F	15	0.0	F	F	16
17	L	L	L	L	L	11	L	L	15	0.0	L	L	17
18	O	O	O	O	O	10	O	O	14	0.0	O	O	18
19	W	W	W	W	W	10	W	W	14	0.0	W	W	19
20						13			14	0.0			20
21						13			14	0.0			21
22						13			14	0.0			22
23						13			13	0.0			23
24						0.0			13	0.0			24
25						0.0			14	0.0			25
26						0.0			14	0.0			26
27						0.0			14	0.0			27
28						0.0			14	0.0			28
29						0.0			15	0.0			29
30						0.0			15	0.0			30
31						0.0			15	0.0			31
MEAN						19			15	15			MEAN
MAX.						0.0			0.0	0.0			MAX.
MIN.						486			627	294			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1407

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	7	0	18	21	21		1
2						0	13	0	18	20	21		2
3						0	12	0	19	19	19		3
4						0	12	0	18	19	18		4
5						0	12	0	18	18	9		5
6						0	12	0	18	18	0		6
7						0	12	0	19	20	0		7
8						0	12	0	19	20	0		8
9						0	12	0	19	20	0		9
10						0	12	0	18	20	0		10
11						0	12	0	18	20	0		11
12	N	N	N	N	N	0	12	0	18	20	0	N	12
13	O	O	O	O	O	0	12	0	18	20	0	O	13
14						0	12	0	18	20	0		14
15						0	12	0	18	20	0		15
16	F	F	F	F	F	0	12	8	18	20	0	F	16
17	L	L	L	L	L	0	12	13	18	20	0	L	17
18	O	O	O	O	O	0	12	14	16	20	0	O	18
19	W	W	W	W	W	0	10	14	10	20	0	W	19
20						0	9	15	10	20	0		20
21						0	13	15	10	20	0		21
22						0	14	15	10	20	0		22
23						0	13	15	12	20	0		23
24						0	14	16	13	20	0		24
25						0	13	16	18	20	0		25
26						0	13	16	20	20	0		26
27						0	14	16	21	20	0		27
28						0	14	18	21	21	0		28
29						4	8	20	21	21	0		29
30						7	0	15	21	21	0		30
31						7	0	17	21	21	0		31
MEAN						7	14	20	21	21	21		MEAN
MAX.						0	0	0	10	18	0		MAX.
MIN.						36	688	482	1018	1228	175		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3627

TABLE B-25 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Dry	Dry	Dry	Dry	Dry		7	13	18	15	15	Dry	1
2							9	13	18	15	15		2
3							7	13	18	15	15		3
4	Includes CVP water						8	13	18	15	16		4
5							8	13	19	15	16		5
6													6
7							8	13	18	15	17		7
8							7	14	18	15	17		8
9							7	14	18	15	17		9
10							7	14	18	15	15		10
11							7	14	18	15	2		11
12							5	14	18	15	0		12
13						0	6	13	18	15	0		13
14						1	6	13	18	15	1		14
15						6	10	13	18	15	14		15
16						6	12	13	18	15	13		16
17						6	12	13	17	15	14		17
18						6	12	13	16	15	0		18
19						7	12	13	16	15			19
20						8	12	13	16	15			20
21						8	12	14	16	15			21
22						12	13	14	16	15			22
23						12	13	14	17	15			23
24						12	14	14	17	15			24
25						12	14	14	17	15			25
26						13	14	14	17	13			26
27						12	13	16	17	15			27
28						12	14	19	17	15			28
29						12	14	19	15	15			29
30						12	13	19	15	15			30
31						12		18		15			31
MEAN													MEAN
MAX.						13	14	19	19	15	17		MAX.
MIN.						0	6	13	15	13	0		MIN.
AC. FT.						335	603	875	1027	918	405		AC. FT.

Total Acre-Feet for the Year: 4,163

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	12	0	13	20	19	17		1
2					0	12	0	13	21	19	17		2
3					0	15	0	9	22	19	17		3
4					0	15	0	9	22	19	16		4
5					0	15	0	8	22	19	16		5
6					0	15	0	16	21	19	16		6
7					0	17	0	17	20	19	16		7
8					0	19	0	18	20	19	16		8
9					0	19	0	18	21	19	14		9
10					0	19	0	18	21	19	11		10
11					0	20	0	18	21	20	6		11
12	N	N	N	N	0	20	0	18	21	20	0	N	12
13	O	O	O	O	2	18	0	18	20	20	0	O	13
14					2	17	0	19	19	20	0		14
15					4	17	0	19	19	20	0		15
16					5	16	0	19	19	20	0	F	16
17	P	P	P	P	5	16	0	19	18	20	0	L	17
18	L	L	L	L	5	15	0	19	18	20	0	O	18
19	W	W	W	W	5	15	0	20	18	20	0	W	19
20					7	8	0	21	19	20	0		20
21					10	7	0	21	18	19	0		21
22					10	11	0	21	19	18	0		22
23					10	17	0	20	19	17	0		23
24					10	9	10	20	19	17	0		24
25					9	10	10	20	19	17	0		25
26					12	7	11	20	19	17	0		26
27					12	3	11	20	19	17	0		27
28					12	0	13	20	19	17	0		28
29						0	16	20	19	17	0		29
30						0	13	20	19	17	0		30
31						0		20		17	0		31
MEAN													MEAN
MAX.					12	20	16	21	22	20	17		MAX.
MIN.					0	0	0	8	18	17	0		MIN.
AC. FT.					238	762	167	1093	1172	1150	321		AC. FT.

Total Acre-Feet 4903

TABLE B-26

JENNINGS DITCH

Point of diversion - Thirteen and one-half miles below McKay Point on the south bank of St. Johns

Branch in the southwest quarter of Section 22, Township 18 South, Range 25 East, M.D.B. and M.

Maximum diversion capacity - 45 second-feet

Location of gaging station - One-half mile below head of ditch in the southeast quarter of Section 21, Township 18 South, Range 25 East, M.D.B. and M.

Description of gaging station - Open channel section, staff gage and water stage recorder rated by frequent current meter measurements. From 1939 to 1951, timber control rated by current meter with a water stage recorder in operation during seasons of diversion. A 6-foot Parshall flume was installed in the fall of 1951.

Operating agency - Jennings Ditch Company

Gross service area - 900 acres

Period of record - 1917 to current date; intermittent during the years ending September 30, 1918, and 1920; no record during the year ending September 30, 1919; continuous from May 3 to September 30, 1917, and from October 1, 1920, to current date.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		JENNINGS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0.0			0.0	24	24		1
2						0.0			0.0	24	24		2
3						0.0			0.0	23	24		3
4						0.0			0.0	23	23		4
5						0.0			0.0	23	23		5
6						0.0			0.0	24	22		6
7						0.0			0.0	26	22		7
8						0.0			0.0	30	22		8
9						2			4	30	22		9
10						5			19	28	23		10
11						6			20	28	23		11
12	N	N	N	N	N	8	N	N	22	29	22		12
13	O	O	O	O	O	10	O	O	22	26	23	N	13
14						12			22	26	23	O	14
15						12			22	26	24		15
16	F	F	F	F	F	12	F	F	22	26	23	F	16
17	L	L	L	L	L	12	L	L	22	26	22	L	17
18	O	O	O	O	O	12	O	O	23	26	23	O	18
19	W	W	W	W	W	12	W	W	23	26	23	W	19
20						12			23	26	21		20
21						11			23	26	20		21
22						11			23	26	18		22
23						13			23	26	14		23
24						11			23	26	0.0		24
25						12			23	26	0.0		25
26						14			23	26	0.0		26
27						15			23	25	0.0		27
28						15			23	24	0.0		28
29						15			24	24	0.0		29
30						10			24	24	0.0		30
31						7				24	0.0		31
MEAN						15			24	30	24		MEAN
MAX.						0			0	23	0		MAX.
MIN.						494			944	1581	1008		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4027

TABLE B-26 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		JENNINGS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0.0			0.0	26			1
2						0.0			2	26			2
3						0.0			15	26			3
4						0.0			19	26			4
5						0.0			18	26			5
6						0.0			19	26			6
7						0.0			19	26			7
8						0.0			21	19			8
9						9			22	5			9
10						13			24	0.0			10
11						13			24	0.0			11
12	N	N	N	N	N	12	N	N	24	0.0	N	N	12
13	O	O	O	O	O	12	O	O	25	0.0	O	O	13
14						11			26	0.0			14
15						11			26	0.0			15
16	P	P	P	P	P	12	P	P	27	0.0	P	P	16
17	L	L	L	L	L	12	L	L	27	0.0	L	L	17
18	O	O	O	O	O	12	O	O	27	0.0	O	O	18
19						12			26	0.0			19
20						12			27	0.0			20
21						12			27	0.0			21
22						11			27	0.0			22
23						10			26	0.0			23
24						2			27	0.0			24
25						0.0			25	0.0			25
26						0.0			25	0.0			26
27						0.0			25	0.0			27
28						0.0			25	0.0			28
29						0.0			26	0.0			29
30						0.0			26	0.0			30
31						0.0				0.0			31
MEAN						13			27	26			MEAN
MAX.						0.0			0.0	0.0			MAX.
MIN.						349			1341	409			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2099

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		JENNINGS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	8	0	24	20	22	24		1
2					0	8	0	24	20	22	0		2
3					0	8	0	24	20	20	0		3
4					0	8	0	24	20	24	0		4
5					0	8	0	24	21	27	0		5
6					0	8	0	25	21	26	0		6
7					0	8	0	25	20	26	0		7
8					0	8	0	25	20	26	0		8
9					0	8	0	24	19	27	0		9
10					0	8	0	24	19	26	0		10
11					0	8	0	24	19	30	0		11
12	N	N	N	N	0	8	4	24	20	30	0	N	12
13	O	O	O	O	0	8	8	24	20	34	0	O	13
14					0	8	8	23	20	34	0		14
15					0	8	8	22	19	31	0		15
16	P	P	P	P	0	8	8	23	19	33	0	P	16
17	L	L	L	L	0	8	8	23	19	34	0	L	17
18	O	O	O	O	0	8	8	23	20	34	0	O	18
19					0	8	9	23	15	33	0		19
20					0	4	10	23	10	33	0		20
21					0	0	10	23	15	34	0		21
22					0	0	10	23	27	32	0		22
23					0	0	10	23	26	30	0		23
24					0	0	10	21	25	29	0		24
25					0	0	9	20	23	31	0		25
26					0	0	12	20	22	33	0		26
27					0	0	17	20	22	32	0		27
28					6	0	16	20	22	34	0		28
29					0	0	24	20	21	36	0		29
30					0	0	24	19	22	35	0		30
31					0	0		20		34	0		31
MEAN					6	8	24	25	27	36	24		MEAN
MAX.					0	0	0	19	10	20	0		MAX.
MIN.					12	309	422	1396	1202	1857	48		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 5246

TABLE B-26 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

TABLE B-26 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		JENNINGS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	No diversion for the year												1
2													2
3													3
4													4
5													5
6	Entitlement for the year was diverted in Modoc Ditch and is included in that diversion												6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME										
1975			JENNINOS DITCH										

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	The entitlement for Jennings Ditch was diverted in Modoc and Goshen Ditches and is included in the totals for those ditches.						0						1
2							0						2
3							0						3
4							0						4
5							0						5
6							0						6
7							0						7
8							0						8
9							0						9
10							0						10
11							0						11
12	N	N	N	N	N	N	0	N	N	N	N	N	12
13	O	O	O	O	O	O	0	O	O	O	O	O	13
14							0						14
15							0						15
16	F	F	F	F	F	F	0	F	F	F	F	F	16
17	L	L	L	L	L	L	0	L	L	L	L	L	17
18	O	O	O	O	O	O	0	O	O	O	O	O	18
19	W	W	W	W	W	W	0	W	W	W	W	W	19
20							0						20
21							0						21
22							0						22
23							0						23
24							0						24
25							0						25
26							0						26
27							0						27
28							0						28
29							0						29
30							9						30
31							0						31
MEAN													MEAN
MAX.							9						MAX.
MIN.							0						MIN.
AC. FT.							18						AC. FT.

Total Acre-Feet 18

TABLE 8-27

UPHILL DITCH

Point of diversion - Fifteen miles below McKay Point on the north bank of St. Johns Branch in the northwest quarter of Section 21, Township 18 South, Range 25 East, M.D.B. and M.

Maximum diversion capacity - 60 second-feet

Location of gaging station - Prior to December 1939, 700 feet below head of ditch in the northwest quarter of Section 21, Township 18 South, Range 25 East, M.D.B. and M.; since December 1939, 100 yards below ditch head in same section.

Description of gaging station - Open channel, staff gage and water stage recorder rated by frequent current meter measurements; replaced by Parshall flume in 1938 which was used until December 1939; after December 1939, open channel section rated by current meter with a water stage recorder in operation. An 8-foot Parshall Flume was installed in 1958.

Operating agency - Uphill Ditch Company

Gross service area - 3,500 acres

Period of record - 1917 to current year; intermittent during the years ending September 30, 1918, and 1920; no record during the years ending September 30, 1919, and 1923; continuous from May 3 to September 30, 1917, October 1, 1920, to September 30, 1922, and April 12, 1924, to September 30, current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0.0				0.0	31	31		1
2					0.0				0.0	31	31		2
3					0.0				0.0	31	31		3
4					9				0.0	31	31		4
5					20				0.0	31	31		5
6					19				0.0	31	31		6
7					19				0.0	31	31		7
8					19				0.0	31	31		8
9					18				21	30	31		9
10					17				29	30	31		10
11					16				29	31	31		11
12	N	N	N	N	16	N	N	N	28	30	31	N	12
13	O	O	O	O	15	O	O	O	29	27	31	O	13
14					15				28	29	31		14
15					14				28	30	30		15
16	F	F	F	F	15	F	F	F	30	29	30	F	16
17	L	L	L	L	15	L	L	L	31	32	30	L	17
18	O	O	O	O	15	O	O	O	32	32	31	O	18
19	W	W	W	W	14	W	W	W	32	32	27	W	19
20					8				30	32	28		20
21					2				30	31	29		21
22					2				31	32	18		22
23					2				31	32	1		23
24					1				30	32			24
25					1				30	32			25
26					1				30	32			26
27									30	31			27
28									31	31			28
29									32	31			29
30									31	32			30
31										32			31
MEAN													MEAN
MAX.					20				32	32	31		MAX.
MIN.					0.0				0.0	27	0		MIN.
AC. FT.					542				1295	1904	1305		AC. FT.

Total Acre-Feet 5046

TABLE B-27 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0.0	30			1
2									0.0	29			2
3									0.0	29			3
4									0.0	30			4
5									0.0	29			5
6									0.0	29			6
7									16	30			7
8									28	31			8
9									29	29			9
10									31	0.0			10
11									32	0.0			11
12	N	N	N	N	N	N	N	N	32	0.0	N	N	12
13	O	O	O	O	O	O	O	O	32	0.0	O	O	13
14									30	0.0			14
15									29	0.0			15
16	F	F	F	F	F	F	F	F	31	0.0	F	F	16
17	L	L	L	L	L	L	L	L	30	0.0	L	L	17
18	O	O	O	O	O	O	O	O	31	0.0	O	O	18
19	W	W	W	W	W	W	W	W	30	0.0	W	W	19
20									31	0.0			20
21									30	0.0			21
22									29	0.0			22
23									29	0.0			23
24									29	0.0			24
25									29	0.0			25
26									29	0.0			26
27									29	0.0			27
28									31	0.0			28
29									31	0.0			29
30									30	0.0			30
31													31
MEAN									32	31			MEAN
MAX.									0.0	0.0			MAX.
MIN.									1404	528			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1932

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	20	38	28	42	38	29	33		1
2				0	20	37	28	40	36	29	33		2
3				0	20	36	28	39	33	29	31		3
4				0	20	38	30	44	32	29	30		4
5				0	19	38	31	44	35	31	30		5
6				0	16	38	34	43	40	32	31		6
7				0	16	40	35	43	39	32	32		7
8				0	16	40	33	42	40	32	32		8
9				0	23	40	28	39	34	32	32		9
10				0	25	40	30	32	27	27	32		10
11				0	23	40	37	31	26	30	32		11
12	N	N	N	0	23	37	37	31	26	30	33	N	12
13	O	O	O	0	24	37	37	31	27	30	32	O	13
14				0	24	37	37	32	33	30	28		14
15				5	23	37	38	31	32	30	5		15
16	F	F	F	13	30	36	37	30	31	30	0	F	16
17	L	L	L	20	36	35	38	29	30	30	0	L	17
18	O	O	O	22	38	35	38	29	29	30	0	O	18
19	W	W	W	22	38	35	39	28	29	30	0	W	19
20				23	37	35	42	28	29	30	0		20
21				26	38	33	41	28	29	30	0		21
22				25	38	30	40	33	29	30	0		22
23				28	38	32	40	39	30	30	0		23
24				28	37	34	40	38	28	30	0		24
25				29	38	35	42	38	29	30	0		25
26				29	41	26	45	38	28	30	0		26
27				28	41	21	45	35	28	29	0		27
28				28	41	21	47	39	29	28	0		28
29				27		25	47	40	30	28	0		29
30				21		28	44	39	30	28	0		30
31				20		28		37		29	0		31
MEAN				29	41	40	47	44	40	32	33		MEAN
MAX.				0	16	21	28	28	26	27	0		MAX.
MIN.				781	1593	2106	2214	2206	1859	1833	885		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 13477

TABLE B-27 (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project Water.				0	14	36	55	46	31			1
2					0	15	35	54	46	32			2
3					0	16	30	54	48	37			3
4					0	18	33	47	51	37			4
5					0	20	33	41	51	37			5
6					0	22	31	41	52	37			6
7					0	21	31	46	54	37			7
8					0	20	31	49	55	36			8
9					0	20	31	49	53	36			9
10					0	20	31	49	52	36			10
11					0	20	31	49	50	36	N	N	11
12					0	19	30	49	51	36	O	O	12
13					0	19	30	48	52	39			13
14					0	19	31	48	47	40			14
15					0	22	32	48	37	40			15
16					0	32	32	49	36	40	F	F	16
17					0	33	32	48	33	40	L	L	17
18					0	33	32	48	33	40	O	O	18
19					4	34	37	48	32	40			19
20					4	35	44	49	32	40			20
21					10	35	44	51	32	40			21
22					10	36	45	44	31	40			22
23					9	36	45	51	32	40			23
24					9	36	45	51	32	39			24
25					9	36	45	52	32	39			25
26					9	37	45	52	31	37			26
27					10	37	45	52	31	42			27
28					12	37	47	55	30	45			28
29						37	50	59	30	23			29
30						36	53	52	30	0			30
31						36		46					31
MEAN					12	37	53	59	55	45			MEAN
MAX.					0	14	30	41	30	0			MAX.
MIN.					163	1688	2216	3043	2424	2166			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 11700

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water April 22- May 14th.				0	0	0	54	39	30	36		1
2					0	0	0	54	40	31	36		2
3					0	0	0	54	38	30	37		3
4					0	0	0	54	35	30	37		4
5					0	0	0	53	35	30	37		5
6					0	8	0	53	38	30	26		6
7					0	15	0	53	38	30	0		7
8					0	15	0	53	38	29	0		8
9					0	15	0	53	39	31	0		9
10					0	22	0	53	39	28	0		10
11					8	28	0	53	39	30	0		11
12	N	N	N	N	12	27	0	53	39	32	0	N	12
13	O	O	O	O	12	17	0	53	35	31	0	O	13
14					12	9	0	49	32	29	0		14
15					11	1	0	33	32	29	0		15
16					11	0	0	33	32	29	0		16
17	F	F	F	F	10	0	0	35	32	30	0	F	17
18	L	L	L	L	8	0	0	35	31	30	0	L	18
19	O	O	O	O	3	0	0	35	31	30	0	O	19
20	W	W	W	W	0	0	2	38	32	30	0	W	20
21					0	0	0	42	31	29	0		21
22					0	0	25	40	31	33	0		22
23					0	0	43	40	32	38	0		23
24					0	0	44	39	31	38	0		24
25					0	0	47	38	31	32	0		25
26					0	0	53	38	30	35	0		26
27					0	0	52	37	29	34	0		27
28					0	0	53	33	29	31	0		28
29						0	55	38	29	32	0		29
30							54	38	30	32	0		30
31								39		33	0		31
MEAN					12	28	55	54	40	38	37		MEAN
MAX.					0	0	0	33	29	28	0		MAX.
MIN.					173	311	849	2723	2017	1916	415		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 8404

TABLE B-28

MODOC DITCH

Point of diversion - On the south bank of St. Johns Branch 15-1/2 miles below McKay Point

in the northeast quarter of Section 20, Township 18 South, Range 25 East, M.D.B. and M.

Maximum diversion capacity - 70 second-feet

Location of gaging station - Four hundred feet below head of ditch in the northeast quarter of Section 20, Township 18 South, Range 25 East, M.D.B. and M.

Description of gaging station - Open channel, staff gage and water stage recorder rated by frequent current meter measurements; replaced by Parshall flume in 1938

Operating agency - Modoc Ditch Company

Gross service area - 6,525 acres

Period of record - 1917 to current year; intermittent during the year ending September 30, 1921;

no record during the years ending September 30, 1919, 1922, and 1923; continuous from May 2, 1917,

to September 30, 1918, October 1, 1919 to September 30, 1920, and October 1, 1923, to

current year

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0	13	44	5			0.0	65	69		1
2			0.0	13	42	4			0.0	65	62		2
3			0.0	13	42	3			0.0	65	64		3
4			0.0	13	43	0.0			0.0	65	67		4
5			0.0	13	44	2			0.0	63	70		5
6			0.0	12	44	5			0.0	62	63		6
7			0.0	12	45	2			0.0	65	61		7
8			0.0	11	45	0.0			0.0	67	62		8
9			0.0	10	45	0.0			23	67	63		9
10			0.0	9	45	0.0			35	65	62		10
11			8	8	45	0.0			46	63	65		11
12	N	N	17	8	45	0.0	N	N	46	62	66	N	12
13	O	O	15	8	45	0.0	O	O	45	56	65	O	13
14			15	11	45	0.0			45	55	67		14
15			14	13	45	0.0			46	56	69		15
16	P	P	13	13	45	0.0	P	P	47	63	68	P	16
17	L	L	11	13	45	0.0	L	L	48	70	68	L	17
18	O	O	14	13	45	0.0	O	O	46	73	68	O	18
19	W	W	14	14	45	0.0	W	W	46	74	67	W	19
20			14	14	45	0.0			54	74	50		20
21			14	14	45	0.0			55	74	27		21
22			14	14	45	0.0			54	74	1		22
23			14	14	45	0.0			54	74	0.0		23
24			13	13	42	0.0			59	73	0.0		24
25			13	13	33	0.0			63	74	0.0		25
26			13	27	35	0.0			64	73	0.0		26
27			13	44	27	0.0			64	72	0.0		27
28			13	44	12	0.0			65	70	0.0		28
29			13	45		0.0			65	70	0.0		29
30			14	44		0.0			64	70	0.0		30
31			14	44		0.0				69	0.0		31
MEAN			17	45	45	5			65	74	70		MEAN
MAX.			0.0	8	12	0.0			0	55	0.0		MAX.
MIN.			561	1091	2327	42			2249	4142	2626		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 13038

TABLE B-28 (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0			0.0			0.0	56			1
2			0.0			0.0			0.0	56			2
3			0.0			0.0			0.0	53			3
4			0.0			0.0			0.0	46			4
5			0.0			0.0			0.0	44			5
6			0.0			0.0			0.0	48			6
7			0.0			0.0			43	49			7
8			0.0			0.0			61	49			8
9			0.0			0.0			42	48			9
10			0.0			21			57	4			10
11			0.0			30			61	0.0			11
12	N	N	0.0	N	N	32	N	N	64	0.0	N	N	12
13	O	O	0.0	O	O	34	O	O	65	0.0	O	O	13
14			0.0			36			63	0.0			14
15			0.0			36			68	0.0			15
16	F	F	0.0	F	F	44	F	F	64	0.0	F	F	16
17	L	L	0.0	L	L	46	L	L	67	0.0	L	L	17
18	O	O	0.0	O	O	45	O	O	63	0.0	O	O	18
19	W	W	0.0	W	W	40	W	W	61	0.0	W	W	19
20			0.0			37			63	0.0			20
21			0.0			40			58	0.0			21
22			0.0			44			50	0.0			22
23			0.0			46			49	0.0			23
24			0.0			7			61	0.0			24
25			0.0			0.0			65	0.0			25
26			0.0			0.0			57	0.0			26
27			10.0			0.0			40	0.0			27
28			30			0.0			40	0.0			28
29			28			0.0			63	0.0			29
30			22			0.0			64	0.0			30
31			2			0.0				0.0			31
MEAN													MEAN
MAX.			30			46			68	56			MAX.
MIN.			0.0			0.0			0.0	0.0			MIN.
AC. FT.			182			1067			2755	899			AC. FT.

Total Acre-Feet 4903

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	14	56	41	58	66	60	51		1
2				0	13	54	41	57	66	61	51		2
3				0	11	50	41	58	65	61	51		3
4				0	6	51	41	57	61	65	55		4
5				0	0	51	41	58	65	71	58		5
6				0	8	51	43	58	69	71	60		6
7				0	14	52	44	59	68	70	61		7
8				0	14	52	44	59	69	70	61		8
9				0	20	52	45	54	73	65	58		9
10				0	31	52	45	43	79	61	57		10
11				0	28	53	45	42	77	60	53		11
12	N	N	N	0	30	50	45	37	75	59	60	N	12
13	O	O	O	0	40	49	44	26	74	59	76	O	13
14				0	48	48	45	26	74	60	74		14
15				0	49	45	45	29	73	60	11		15
16	F	F	F	0	49	44	45	48	74	60	0	F	16
17	L	L	L	0	49	44	46	48	70	65	0	L	17
18	O	O	O	0	49	44	46	49	61	70	0	O	18
19	W	W	W	0	49	44	46	51	55	70	0	W	19
20				25	49	44	46	50	56	70	0		20
21				26	50	44	46	49	56	70	0		21
22				26	51	41	46	49	55	70	0		22
23				30	57	39	46	49	55	67	0		23
24				34	57	37	50	48	55	61	0		24
25				32	58	41	56	48	55	56	0		25
26				27	58	41	57	49	59	50	0		26
27				27	58	40	57	49	65	50	0		27
28				27	58	41	57	49	63	51	0		28
29				26		41	57	56	61	50	0		29
30				23		41	58	66	60	50	0		30
31				18		41		65		51	0		31
MEAN													MEAN
MAX.				34	58	56	58	66	79	71	76		MAX.
MIN.				0	0	37	41	26	55	50	0		MIN.
AC. FT.				649	2019	2842	2795	3063	3876	3795	1660		AC. FT.

Total Acre-Feet 20700

TABLE B-28 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	25	63	0	59	70	71		1
2				0	0	28	63	0	60	71	65		2
3				10	0	37	56	0	65	71	67		3
4	Includea Central Valley Project water.			22	0	34	57	0	69	70	61		4
5				22	7	24	54	0	71	70	49		5
6	Includea 5576 acre-feet of Jennings Ditch water.			22	21	35	52	13	72	72	48		6
7				22	21	37	51	38	74	71	59		7
8				22	22	44	51	50	74	71	70		8
9				23	22	46	51	50	72	70	67		9
10				22	22	46	50	48	71	70	54		10
11				22	22	48	50	45	70	70	2		11
12				23	22	47	49	49	71	69	0	N O	12
13				22	25	47	49	49	72	69	0		13
14				22	31	48	50	56	72	70	0		14
15				22	31	49	50	63	72	70	0		15
16				22	30	55	51	67	72	70	0	F L O W	16
17				23	30	53	51	67	72	71	0		17
18				23	30	53	51	68	72	71	0		18
19				23	30	55	51	68	72	70	0		19
20				23	28	60	51	68	71	71	0		20
21				23	27	61	51	69	71	72	0		21
22				23	18	61	52	69	71	73	0		22
23				23	10	61	51	56	72	74	0		23
24				23	8	61	51	54	72	73	0		24
25				23	8	61	51	59	71	73	0		25
26				23	15	61	52	59	70	72	0		26
27				23	20	61	56	59	70	72	0		27
28				23	21	62	68	59	70	72	0		28
29				23		62	62	60	70	71	0		29
30				11		63	41	60	70	62	0		30
31				0		63		59		66	0		31
MEAN MAX. MIN. AC. FT.				23 0 1206	31 0 1033	63 24 3070	68 0 3146	69 0 2000	74 59 4185	74 62 4338	71 0 1216		MEAN MAX. MIN. AC. FT.

Total Acre-Feet 21094

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Jennings Ditch.			0	0	0	0	49	76	67	66		1
2				0	0	0	0	48	78	68	66		2
3				0	0	0	0	42	81	65	69		3
4	Includes Central Valley Project water April 21-29th.			0	0	0	0	40	79	60	69		4
5				0	0	34	0	40	81	61	58		5
6			0		0	37	0	45	85	61	63		6
7			0		0	34	0	50	84	61	70		7
8			0		0	38	0	50	85	60	67		8
9			0		0	51	0	50	82	61	66		9
10			8		0	45	0	50	76	59	78		10
11			11	0	0	34	0	50	78	59	69		11
12	N	N	0	N	34	19	0	50	76	59	69	N O	12
13	O	O	0	O	34	0	0	50	72	60	72		13
14			0		34	0	0	56	67	60	68		14
15			0		36	0	0	60	63	58	65		15
16	F	F	0	F	36	0	0	60	61	59	54	F L O W	16
17	L	L	0	L	36	0	0	60	59	58	0		17
18	O	O	0	O	0	0	0	60	58	54	0		18
19	W	W	0	W	0	0	0	59	59	59	0		19
20			0		0	0	0	65	60	55	0		20
21			0		0	0	0	71	60	56	0		21
22			0		0	0	22	74	60	56	0		22
23			0		0	0	41	71	60	58	0		23
24			0		0	0	41	52	58	59	0		24
25			0		0	0	45	46	58	56	0		25
26			0		0	0	50	50	59	58	0		26
27			0		0	0	49	54	62	61	0		27
28			0		0	0	49	66	70	56	0		28
29			0		0	0	49	67	68	60	0		29
30			0		0	0	49	70	67	60	0		30
31			0		0	0		76		60	0		31
MEAN MAX. MIN. AC. FT.			11 0 38		36 0 417	51 0 579	50 0 783	76 40 3433	85 58 4130	68 54 3658	78 0 2120		MEAN MAX. MIN. AC. FT.

Total Acre-Feet 15158

TABLE B-29

ST. JOHNS DITCH

Point of diversion - Seventeen and one-half miles below McKay Point on the south bank of St. Johns River in the southwest corner of the northeast quarter of Section 18, Township 18 South, Range 25 East, M.D.B. and M.

Maximum diversion capacity - Approximately 15 second-feet

Location of gaging station - Approximately 50 feet below head of ditch.

Description of gaging station - Open channel section with water stage recorder with bridge for making current meter measurements

Operating agency - St. Johns Ditch Company

Gross service area - 950 acres

Period of record - 1958 to current year

Remarks - Diversion is usually made by means of a pump; occasionally when flow in the river is small, direct diversion is made. There are years when no diversions are made.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0.0				0.0	6.1			1
2					4.9				0.0	6.1			2
3					7.4				0.0	6.1			3
4					7.4				0.0	6.1			4
5					7.4				0.0	6.1			5
6					7.4				0.0	6.1			6
7					7.4				0.0	6.1			7
8					7.4				0.0	6.1			8
9					7.4				0.0	6.1			9
10					7.4				0.0	2.0			10
11					7.4				0.0	0.0			11
12	N	N	N	N	7.4	N	N	N	0.0	0.0	N	N	12
13	O	O	O	O	7.4	O	O	O	0.0	0.0	O	O	13
14					7.4				0.0	0.0			14
15					7.4				0.0	0.0			15
16					7.4				0.0	0.0			16
17	F	F	F	F	7.4	F	F	F	0.0	0.0	F	F	17
18	L	L	L	L	7.4	L	L	L	0.0	0.0	L	L	18
19	O	O	O	O	7.4	O	O	O	0.0	0.0	O	O	19
20	W	W	W	W	7.4	W	W	W	0.0	0.0	W	W	20
21					7.4				0.0	0.0			21
22					3.4				0.0	0.0			22
23					0.0				0.0	0.0			23
24					0.0				0.0	0.0			24
25					0.0				0.0	0.0			25
26					0.0				0.0	0.0			26
27					0.0				0.0	0.0			27
28					0.0				2.9	0.0			28
29					0.0				6.1	0.0			29
30					0.0				6.1	0.0			30
31													31
MEAN					7.4				6.1	6.1			MEAN
MAX.					0.0				0.0	0.0			MAX.
MIN.					295				30	113			MIN.
AC. FT.													AC. FT.

Total Acre-Feet for the Year 438

TABLE B-29 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0.0				1
2									0.0				2
3									0.0				3
4									0.0				4
5									0.0				5
6									0.0				6
7									0.0				7
8									0.0				8
9									0.0				9
10									0.0				10
11									0.0				11
12	N	N	N	N	N	N	N	N	0.0	N	N	N	12
13	O	O	O	O	O	O	O	O	0.0	O	O	O	13
14									0.0				14
15									0.0				15
16	F	F	F	F	F	F	F	F	0.0	F	F	F	16
17	L	L	L	L	L	L	L	L	0.0	L	L	L	17
18	O	O	O	O	O	O	O	O	0.0	O	O	O	18
19	W	W	W	W	W	W	W	W	4.1	W	W	W	19
20									6.1				20
21									6.1				21
22									4.3				22
23									0.0				23
24									0.0				24
25									0.0				25
26									0.0				26
27									0.0				27
28									0.0				28
29									0.0				29
30									0.0				30
31									0.0				31
MEAN									6.1				MEAN
MAX.									0.0				MAX.
MIN.									41				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 41

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Diversion by means of an electric pump.					0	9.4	9.4	11.3	9.7	10.2		1
2						0	9.4	9.4	11.3	9.7	10.2		2
3						0	9.4	9.4	11.3	9.7	3.4		3
4						0	9.4	9.4	11.3	9.7	0		4
5						0	9.4	9.4	11.3	10.2	0		5
6	Diversion partly estimated.					0	9.4	9.4	11.3	10.2	0		6
7						4.3	9.4	9.4	11.3	10.2	0		7
8						7.4	9.4	9.4	11.3	10.2	0		8
9						3.1	9.4	9.4	11.3	10.2	0		9
10						0	9.4	9.4	11.3	10.2	0		10
11						0	9.4	9.4	11.3	10.2	0		11
12	N	N	N	N	N	4.3	9.4	10.4	9.7	10.2	0	N	12
13	O	O	O	O	O	7.4	9.4	11.2	9.7	10.2	0	O	13
14						7.4	9.4	11.3	9.7	10.2	0		14
15						7.4	9.4	11.3	9.7	10.2	0		15
16	F	F	F	F	F	7.4	9.4	11.3	9.7	10.2	0	F	16
17	L	L	L	L	L	7.4	9.4	11.3	9.7	10.2	0	L	17
18	O	O	O	O	O	7.4	9.4	11.3	9.7	10.2	0	O	18
19	W	W	W	W	W	7.4	9.4	11.3	9.7	10.2	0	W	19
20						8.3	9.4	11.3	9.7	10.2	0		20
21						9.4	9.4	11.3	9.7	10.2	0		21
22						9.4	9.4	11.3	9.7	10.2	0		22
23						9.4	9.4	11.3	9.7	10.2	0		23
24						9.4	9.4	11.3	9.7	10.2	0		24
25						9.4	9.4	11.3	9.7	10.2	0		25
26						9.4	9.4	11.3	9.7	10.2	0		26
27						9.4	9.4	11.3	9.7	10.2	0		27
28						9.4	9.4	11.3	9.7	10.2	0		28
29						9.4	9.4	11.3	9.7	10.2	0		29
30						9.4	9.4	11.3	9.7	10.2	0		30
31						9.4	9.4	11.3	9.7	10.2	0		31
MEAN						9.4	9.4	11.3	11.3	10.2	10.2		MEAN
MAX.						0	9.4	9.4	9.7	9.7	0		MAX.
MIN.						362	559	652	612	623	47		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2855

TABLE B-29 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Dry	Dry	Dry	Dry	Dry	Dry		3.3	3.7	3.0	Dry	Dry	1
2								5.2	3.7	3.0			2
3								5.2	3.7	2.3			3
4	Includes Central Valley Project Water							5.2	3.7	0			4
5								5.2	3.7				5
6								4.6	3.7				6
7								0	3.7				7
8									3.7				8
9									3.7				9
10									3.7				10
11									3.7	0			11
12									3.7	4.1			12
13									3.7	7.0			13
14							0		3.7	7.0			14
15							5.9		3.7	7.0			15
16							10.2	0	3.7	7.0			16
17							10.2	4.2	3.7	7.0			17
18							10.2	7.2	3.7	7.0			18
19							5.1	7.2	3.7	7.0			19
20							0	5.8	3.7	7.0			20
21							0	5.8	1.9	7.0			21
22							2.0	5.8	0	7.0			22
23							3.4	3.4	0	7.0			23
24							3.4	0	2.2	7.0			24
25							3.4		3.7	7.0			25
26							3.4		3.7	7.0			26
27							3.4		3.7	4.1			27
28							0		3.7	0			28
29									3.7				29
30								0	3.7				30
31								2.6					31
MEAN							10.2	7.2	3.7	7.0			MEAN
MAX.							0	0	0	0			MAX.
MIN.													MIN.
AC. FT.							120	140	199	227			AC. FT.

Total Acre-Feet for the Year: 686

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Central Valley Project water April 21-29th.				0		0	9.7	5.6	11.8			1
2					0		0	9.7	0	11.8			2
3					0		0	9.7	0	11.8			3
4					0		0	9.7	6.5	11.8			4
5					0		0	7.3	11.1	11.8			5
6					0		0	0	11.1	11.8			6
7					0		0	0	11.1	11.8			7
8					0		0	8.1	11.1	11.8			8
9					0		0	9.7	11.1	11.8			9
10					0		0	9.7	11.1	11.8			10
11					0		0	9.7	11.1	11.8			11
12	N	N	N	N	0	N	0	9.7	11.1	11.8	N	N	12
13	O	O	O	O	5.7	O	0	9.7	11.1	11.8			13
14					8.5		0	9.7	11.1	11.8			14
15					8.5		0	9.7	11.1	11.8			15
16					8.5		0	9.7	11.1	11.8			16
17	F	F	F	F	6.0	F	0	9.7	11.1	11.8	F	F	17
18	L	L	L	L	0	L	0	9.7	11.1	11.8	L	L	18
19	W	W	W	W	0	W	0	9.7	11.1	11.8	W	W	19
20					0		0	9.7	11.1	11.8			20
21					0		0	9.7	11.1	11.8			21
22					0		0	9.7	11.1	11.8			22
23					0		3.2	9.7	11.1	11.8			23
24					0		9.7	9.7	11.1	4.4			24
25					0		9.7	9.7	11.1	0			25
26					0		9.7	9.7	11.1	0			26
27					0		9.7	9.7	11.1	0			27
28					0		9.7	9.7	11.1	0			28
29							9.7	9.7	11.1	0			29
30							9.7	9.7	11.1	0			30
31							9.7	9.7	11.1	0			31
MEAN					8.5		9.7	9.7	11.1	11.8			MEAN
MAX.					0		0	0	0	0			MAX.
MIN.													MIN.
AC. FT.					74		141	550	596	547			AC. FT.

Total Acre-Feet 1908

TABLE B-30

GOSHEN DITCH

Point of diversion - Nineteen and one-half miles below McKay Point on the south bank of St. Johns River near the southwest corner of the northeast quarter of Section 11, Township 18 South, Range 24 East, M.D.B. and M.

Maximum diversion capacity - Approximately 75 second-feet

Location of gaging station - Approximately 100 feet below head of ditch.

Description of gaging station - Open channel section with water stage recorder with bridge for making current meter measurements

Operating agency - Goshen Ditch Company

Gross service area - 5,550 acres

Period of record - 1958 to current year

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0.0				0.0	14			1
2					5				0.0	14			2
3					11				0.0	13			3
4					10				0.0	13			4
5					11				0.0	13			5
6					11				0.0	11			6
7					11				0.0	11			7
8					11				0.0	11			8
9					12				0.0	10			9
10					12				0.0	10			10
11					12				0.0	10			11
12	N	N	N	N	12	N	N	N	0.0	10	N	N	12
13	O	O	O	O	12	O	O	O	0.0	0.0	O	O	13
14					12				0.0	0.0			14
15					12				0.0	0.0			15
16	P	P	P	P	12	P	P	P	0.0	0.0	P	P	16
17	L	L	L	L	12	L	L	L	0.0	0.0	L	L	17
18	O	O	O	O	12	O	O	O	0.0	0.0	O	O	18
19	W	W	W	W	12	W	W	W	0.0	0.0	W	W	19
20					12				0.0	0.0			20
21					12				0.0	0.0			21
22					6				0.0	0.0			22
23					0.0				0.0	0.0			23
24					0.0				0.0	0.0			24
25					0.0				0.0	0.0			25
26					0.0				0.0	0.0			26
27					0.0				0.0	0.0			27
28					0.0				0.0	0.0			28
29									9	0.0			29
30									15	0.0			30
31													31
MEAN													MEAN
MAX.					12				15	14			MAX.
MIN.					0				0	0			MIN.
AC. FT.					460				48	278			AC. FT.

Total Acre-Feet 786

TABLE B-30 (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N	N	N	N	N	N	N	N	12
13	O	O	O	O	O	O	O	O	O	O	O	O	13
14													14
15													15
16	F	F	F	F	F	F	F	F	F	F	F	F	16
17	L	L	L	L	L	L	L	L	L	L	L	L	17
18	O	O	O	O	O	O	O	O	O	O	O	O	18
19	W	W	W	W	W	W	W	W	W	W	W	W	19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	18	15	24	26	21			1
2				0	0	17	15	23	24	21			2
3				0	0	16	14	28	23	21			3
4				0	0	18	12	28	23	21			4
5				0	0	20	14	27	24	22			5
6				0	0	18	21	25	26	20			6
7				0	0	18	22	23	24	8			7
8				0	0	18	20	23	22	0			8
9				0	0	19	21	23	23	0			9
10				0	0	19	24	23	24	0			10
11				0	0	20	23	24	32	0			11
12	N	N	N	0	0	19	21	24	33	0	N	N	12
13	O	O	O	0	7	19	19	25	32	0	O	O	13
14				0	15	19	19	25	26	0			14
15				0	15	18	19	25	22	0			15
16	F	F	F	0	15	18	19	25	24	0	F	F	16
17	L	L	L	0	15	18	19	26	27	0	L	L	17
18	O	O	O	0	15	17	19	26	25	0	O	O	18
19	W	W	W	0	15	17	19	25	23	0	W	W	19
20				2	15	16	19	26	25	0			20
21				6	15	16	24	25	24	0			21
22				9	15	15	25	23	23	0			22
23				10	15	4	21	23	24	0			23
24				10	14	0	22	24	23	0			24
25				10	14	0	23	25	22	0			25
26				10	15	4	25	25	22	0			26
27				10	17	17	25	25	22	0			27
28				10	19	10	25	26	21	0			28
29				10		13	26	26	21	0			29
30				3		14	27	27	21	0			30
31				0		14		24		0			31
MEAN				10	19	20	27	28	33	22			MEAN
MAX.				0	0	0	12	23	21	0			MAX.
MIN.				179	468	930	1224	1529	1450	266			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 6046

TABLE B-30 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Dry	Dry	Dry	0	8	0	18	19	31	20	Dry	Dry	1
2				0	8	0	17	19	31	20			2
3				0	8	0	13	19	31	22			3
4	Includes Central Valley Project Water			0	8	0	13	19	31	25			4
5				0	8	0	14	19	31	25			5
6				0	8	0	13	19	30	27			6
7				0	8	0	13	19	31	27			7
8				0	10	0	12	19	30	27			8
9				0	11	0	16	19	29	26			9
10				0	11	0	21	19	29	26			10
11				0	10	0	22	19	29	26			11
12				0	11	0	21	19	29	26	N	N	12
13				0	12	0	22	18	29	26	O	O	13
14				0	13	0	21	17	28	28			14
15				0	13	0	18	17	30	30	F	F	15
16				0	14	10	18	17	29	29	L	L	16
17				0	14	19	20	17	25	29	O	O	17
18				10	15	19	16	18	17	28			18
19				17	15	18	12	17	17	29			19
20				17	13	19	12	17	17	29			20
21				18	14	18	13	18	17	30			21
22				18	4	17	14	17	17	23			22
23				17	0	15	17	18	17	0			23
24				17	0	14	19	20	18	0			24
25				15	0	14	19	23	18	0			25
26				11	0	16	18	22	17	0			26
27				10	0	20	14	22	18	0			27
28				10	0	20	14	28	19	0			28
29				10		19	15	26	19	0			29
30				7		19	16	30	19	0			30
31				7		19		31		0			31
MEAN				18	15	20	22	31	31	30			MEAN
MAX.				0	0	0	12	17	17	0			MAX.
MIN.				365	468	547	974	1232	1454	1146			MIN.
AC. FT.													AC. FT.

Total Acre-Feet for the Year: 6186

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includea Central Valley Project water April 21- May 14th.				0		0	19	34	32			1
2					0		0	17	32	35			2
3					0		0	15	25	35			3
4					0		0	14	26	34			4
5					0		0	20	31	35			5
6					0		0	17	35	35			6
7					0		0	19	37	36			7
8					0		0	22	37	33			8
9					0		0	22	36	26			9
10					0		0	24	31	24			10
11					0		0	27	33	22			11
12	N	N	N	N	0	N	0	25	29	23	N	N	12
13	O	O	O	O	4	O	0	18	27	23	O	O	13
14					8		0	18	24	23			14
15					11		0	18	25	23			15
16					11	F	0	18	25	23	F	F	16
17					11	L	0	18	32	25	L	L	17
18					4	O	0	17	30	28	O	O	18
19					0	W	0	18	27	21	W	W	19
20					0		0	26	26	21			20
21					0		7	30	27	23			21
22					0		13	33	28	23			22
23					0		13	32	28	10			23
24					0		15	29	27	0			24
25					0		15	28	26	0			25
26					0		15	27	27	0			26
27					0		14	28	28	0			27
28					0		15	29	34	0			28
29					0		17	30	32	0			29
30							20	33	31	0			30
31										0			31
MEAN					11		20	33	37	36			MEAN
MAX.					0		0	14	24	0			MAX.
MIN.					97		286	1436	1765	1216			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4800

TABLE B-31

HARRELL RANCH DIVERSION

Point of diversion - Upper diversion, north side of St. Johns River, southwest of north 1/4 corner Section 11, Township 18 South, Range 24 East, M.D.B. & M. Lower diversion, north side of St. Johns River, west of south 1/4 corner Section 34, Township 17 South, Range 24 East, M.D.B. & M.

Riparian - South side St. Johns River, east of east 1/4 corner Section 33, Township 17 South, Range 24 East, M.D.B. & M.

Table B-31 Harrell Ranch Upper Diversion

B-31a Harrell Ranch Lower Diversion

B-31b HARRELL RANCH RIPARIAN SOUTH SIDE ST. JOHNS RIVER

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0.0	28				0.0	44			1
2				0.0	34				0.0	45			2
3	February 2-19 CVP water.			0.0	28				0.0	46			3
4				0.0	28				0.0	47			4
5				0.0	28				0.0	48			5
6				0.0	28				0.0	48			6
7				0.0	28				0.0	48			7
8				0.0	25				0.0	49			8
9				0.0	20				0.0	49			9
10				0.0	16				25	48			10
11				0.0	16				29	49			11
12	N	N	N	0.0	16	N	N	N	32	48	N	N	12
13	O	O	O	0.0	16	O	O	O	31	5	O	O	13
14				0.0	12				32	0.0			14
15				0.0	0				32	0.0			15
16	F	F	F	0.0	11	F	F	F	32	0.0	F	F	16
17	L	L	L	0.0	16	L	L	L	35	0.0	L	L	17
18	O	O	O	0.0	16	O	O	O	38	0.0	O	O	18
19	W	W	W	26	11	W	W	W	40	0.0	W	W	19
20				48	0.0				41	0.0			20
21				40	0.0				41	0.0			21
22				34	0.0				41	0.0			22
23				23	0.0				38	0.0			23
24				21	0.0				39	0.0			24
25				14	0.0				39	0.0			25
26				0.0	0.0				42	0.0			26
27				0.0	0.0				43	0.0			27
28				32	0.0				43	0.0			28
29				25					45	0.0			29
30				26					44	0.0			30
31				26						0.0			31
MEAN				48	34				45	49			MEAN
MAX.				0	0				0	0			MAX.
MIN.				625	748				1551	1139			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4063

TABLE B-31 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0.0				1
2									0.0				2
3									0.0				3
4									0.0				4
5									00				5
6									0.0				6
7									0.0				7
8									0.0				8
9									0.0				9
10									0.0				10
11									0.0				11
12	N	N	N	N	N	N	N	N	0.0	N	N	N	12
13	O	O	O	O	O	O	O	O	0.0	O	O	O	13
14									0.0				14
15									0.0				15
16	F	F	F	F	F	F	F	F	0.0	F	F	F	16
17	L	L	L	L	L	L	L	L	0.0	L	L	L	17
18	O	O	O	O	O	O	O	O	0.0	O	O	O	18
19									0.0				19
20									25				20
21									47				21
22									44				22
23									18				23
24									0.0				24
25									0.0				25
26									0.0				26
27									0.0				27
28									0.0				28
29									0.0				29
30									0.0				30
31									0.0				31
MEAN									47				MEAN
MAX.									0.0				MAX.
MIN.									266				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 266

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		HARRELL RANCH UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	35	22	51	35	27			1
2				0	0	33	23	51	41	27			2
3				0	0	31	21	51	41	27			3
4				0	0	30	18	50	41	27			4
5				0	0	30	22	51	39	26			5
6				0	0	30	28	52	39	26			6
7				0	0	31	30	53	39	26			7
8				0	0	31	30	49	37	25			8
9				0	14	31	30	49	37	25			9
10				0	37	32	31	53	37	26			10
11				0	31	32	31	48	37	25			11
12	N	N	N	0	31	32	31	48	36	0	N	N	12
13	O	O	O	0	34	34	30	48	35	0	O	O	13
14				0	37	34	30	48	34	0			14
15				0	37	34	30	48	34	0			15
16	F	F	F	0	37	34	31	48	33	0	F	F	16
17	L	L	L	16	37	34	31	48	32	0	L	L	17
18	O	O	O	48	36	33	33	48	32	0	O	O	18
19				51	37	33	33	48	31	0			19
20				49	36	34	33	48	30	0			20
21				48	36	33	34	48	30	0			21
22				48	36	31	35	40	30	0			22
23				46	36	16	35	24	29	0			23
24				42	36	0	35	25	28	0			24
25				39	36	3	40	25	27	0			25
26				39	36	22	47	25	27	0			26
27				39	36	26	40	25	27	0			27
28				39	36	10	41	27	26	0			28
29				37	36	20	41	33	26	0			29
30				14	37	22	44	33	27	0			30
31				0	37	22	44	34	27	0			31
MEAN				51	37	35	44	53	41	27			MEAN
MAX.				0	0	0	18	24	26	0			MAX.
MIN.				1101	1373	1692	1894	2636	1978	569			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 11243

TABLE B-31 (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Dry	Dry	Dry	0	28	0	44	15	12	30	Dry	Dry	1
2				0	28	0	26	15	12	0			2
3	*Current meter measurement made these days. Other days estimated.			0	28	0	0	15	12	0			3
4				0	28	0	0	15	12	0			4
5				0	28	0	0	15	12	0			5
6				0	28	0	0	15	12	0			6
7				0	28	0	0	15	35	0			7
8				0	29	0	38	15	37	0			8
9				0	29	0	39	15	36	0			9
10				0	29	0	39	15	37	0			10
11				0	29	10	40	15	37	0			11
12				0	29	20	41	15	37	0			12
13				0	29	20	41	14	37	0			13
14				20	29	20	19	14	38	0			14
15				47*	29*	20	15	15	39	0			15
16				46	30	22	13	14	39	23			16
17				46*	30	25	13	13	39	32*			17
18				31*	30	25	12	11	39	33			18
19				32	30	25	10	10	38	34*			19
20				33	14	25	10	10	38	34			20
21				33	0	25	10	9	38	33			21
22				34	0	25	11	11	38	33*			22
23				34	0	25	12	13*	38	34			23
24				34	0	25	14	14	38	35			24
25				33	0	25	14	14	39	36*			25
26				32	0	25	14	13	39	26*			26
27				31	0	24	12	13	39	0			27
28				30	0	23	12	15	39*	0			28
29				29	0	22	13	14	40	0			29
30				28	0	22	14	14	40	0			30
31				27	0	44	13	13	40	0			31
MEAN													MEAN
MAX.				47	30	44	44	15	40	36			MAX.
MIN.				0	0	0	0	9	12	0			MIN.
AC. FT.				1190	1115	986	1043	841	2033	760			AC. FT.

Total Acre-Feet for the Year: 7968

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0		0	23	84	37			1
2					0		0	24	90	27			2
3					0		0	25	97	0			3
4					0		0	23	87	0			4
5					0		0	19	72	0			5
6					0		0	19	70	0			6
7					0		0	19	70	0			7
8					0		0	19	70	0			8
9					0		0	18	70	0			9
10					0		0	15	59	0			10
11					0		0	15	55	0			11
12	N	N	N	N	31	N	0	13	50	0	N	N	12
13	O	O	O	O	62	O	0	7	45	0	O	O	13
14					65		0	8	43	0			14
15					65		0	24	44	0			15
16	F	F	F	F	65	F	0	29	44	0	F	F	16
17	L	L	L	L	57	L	0	56	42	0	L	L	17
18	O	O	O	O	22	O	0	48	42	0	O	O	18
19	W	W	W	W	0	W	0	50	43	0	W	W	19
20					0		0	52	44	0			20
21					0		9	52	45	0			21
22					0		18	51	46	0			22
23					0		18	53	45	0			23
24					0		18	50	45	0			24
25					0		17	54	47	0			25
26					0		20	52	46	0			26
27					0		27	48	45	0			27
28					0		27	56	44	0			28
29					0		25	76	42	0			29
30							22	86	44	0			30
31								83		0			31
MEAN													MEAN
MAX.					65		27	86	97	37			MAX.
MIN.					0		0	7	42	0			MIN.
AC. FT.					728		399	2315	3312	127			AC. FT.

Total Acre-Feet 6881

TABLE B-31a

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO FLOW

Because there was little flow beyond this point in the river in June and July, water could not be diverted at this point. Water for the Harrell Ranch was either diverted in the upper diversion or the riparian diversion on the south side of the river.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N	N	N	N	N	N	N	N	12
13	O	O	O	O	O	O	O	O	O	O	O	O	13
14													14
15													15
16	F	F	F	F	F	F	F	F	F	F	F	F	16
17	L	L	L	L	L	L	L	L	L	L	L	L	17
18	O	O	O	O	O	O	O	O	O	O	O	O	18
19	W	W	W	W	W	W	W	W	W	W	W	W	19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

TABLE B-31a (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Diversion partly estimated						0	34	37	35			1
2							0	35	37	35			2
3							0	35	37	35			3
4							0	35	37	35			4
5							0	35	37	35			5
6							0	35	37	35			6
7							23	35	37	35			7
8							34	35	38	35			8
9							34	35	38	35			9
10							34	35	38	23			10
11							34	36	38	0			11
12	N	N	N	N	N	N	34	36	38	0	N	N	12
13	O	O	O	O	O	O	34	36	38	0	O	O	13
14							34	36	38	0			14
15							34	36	37	0			15
16	F	F	F	F	F	F	34	36	36	0	F	F	16
17	L	L	L	L	L	L	34	36	35	0	L	L	17
18	O	O	O	O	O	O	34	36	35	0	O	O	18
19	W	W	W	W	W	W	33	36	35	0	W	W	19
20							33	36	35	0			20
21							32	36	35	0			21
22							32	36	35	0			22
23							31	36	35	0			23
24							31	36	35	0			24
25							31	36	35	0			25
26							31	36	35	0			26
27							32	36	35	0			27
28							32	36	35	0			28
29							33	36	35	0			29
30							33	36	35	0			30
31							33	36	35	0			31
MEAN													MEAN
MAX.							34	36	38	35			MAX.
MIN.							0	34	35	0			MIN.
AC. FT.							1549	2192	2158	670			AC. FT.

Total Acre-Feet 6569

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1								16	20				1
2								16	20				2
3								16	20				3
4								16	19				4
5								16	20				5
6	*Measurements taken these days. Other days estimated.						0	16*	21				6
7							10	16	22				7
8							21	9	16	23			8
9							21	18	16	23			9
10							21	18	16*	23			10
11						21*	18	16	21				11
12	N	N	N	N	N	21	18	16	23	N	N	N	12
13	O	O	O	O	O	10	18	16	25	O	O	O	13
14						0	18	16	25*				14
15							18	16	26				15
16	F	F	F	F	F	0	18	16	26	F	F	F	16
17	L	L	L	L	L	11	18	17	26	L	L	L	17
18	O	O	O	O	O	22	18*	17	25	O	O	O	18
19	W	W	W	W	W	22	18	17	25	W	W	W	19
20						22	18	17	25				20
21						22*	18	17	24				21
22						22	18*	17	24				22
23						22	18	17*	24				23
24						22	18	17*	23				24
25						22	18*	17	22				25
26						22*	18	17	20				26
27						22	18	17*	19*				27
28						22	18	17	0				28
29						22	18	18					29
30						22	17	19					30
31						10		20					31
MEAN													MEAN
MAX.						22	18	20	26				MAX.
MIN.						0	0	16	0				MIN.
AC. FT.						857	801	1025	1218				AC. FT.

Total Acre-Feet for Year: 3,901

TABLE B-31a (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Based on intermittent gate opening and head readings. Partly estimated.				0		0	24	16	24			1
2					0		0	27	17	25			2
3					0		0	27	18	19			3
4					0		0	28	19	0			4
5					0		0	28	19	0			5
6					0		0	28	19	0			6
7					0		0	28	19	0			7
8					0		0	28	19	0			8
9					0		0	28	19	0			9
10					0		0	28	21	0			10
11					0		0	29	23	0			11
12	N	N	N	N	0	N	0	29	25	0	N	N	12
13	O	O	O	O	11	O	0	28	27	0	O	O	13
14					11		0	28	28	0			14
15					12		0	27	30	0			15
16	F	F	F	F	12	F	0	27	31	0	F	F	16
17	L	L	L	L	12	L	0	27	30	0	L	L	17
18	O	O	O	O	0	O	0	27	29	0	O	O	18
19	W	W	W	W	0	W	0	27	28	0	W	W	19
20					0		0	27	28	0			20
21					0		0	27	29	0			21
22					0		0	27	30	0			22
23					0		12	22	30	0			23
24					0		24	21	27	0			24
25					0		24	20	24	0			25
26					0		24	20	24	0			26
27					0		24	17	24	0			27
28					0		24	15	24	0			28
29							24	15	24	0			29
30							24	14	24	0			30
31							24	15					31
MEAN													MEAN
MAX.					12		24	29	31	25			MAX.
MIN.					0		0	14	16	0			MIN.
AC. FT.					115		357	1513	1438	135			AC. FT.

Total Acre-Feet 3558

TABLE 31b

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		HARRELL RANCH RIPARIAN SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Based on current meter measurements and estimates.				0.0				0.0	5			1
2					0.0				0.0	5			2
3					0.0				0.0	5			3
4					3				0.0	5			4
5					3				0.0	5			5
6					3				0.0	5			6
7					3				0.0	0.0			7
8					4				0.0	0.0			8
9					4				0.0	0.0			9
10					4				0.0	0.0			10
11					4				0.0	0.0			11
12	N	N	N	N	4	N	N	N	0.0	0.0	N	N	12
13	O	O	O	O	4	O	O	O	0.0	0.0	O	O	13
14					4				0.0	0.0			14
15					4				2	0.0			15
16	F	F	F	F	4	F	F	F	2	0.0	F	F	16
17	L	L	L	L	4	L	L	L	3	0.0	L	L	17
18	O	O	O	O	4	O	O	O	4	0.0	O	O	18
19	W	W	W	W	4	W	W	W	5	0.0	W	W	19
20					4				4	0.0			20
21					4				4	0.0			21
22					4				4	0.0			22
23					4				4	0.0			23
24					4				3	0.0			24
25					4				3	0.0			25
26					0.0				4	0.0			26
27					0.0				4	0.0			27
28					0.0				4	0.0			28
29									4	0.0			29
30									4	0.0			30
31													31
MEAN													MEAN
MAX.					4				5	5			MAX.
MIN.					0				0	0			MIN.
AC. FT.					167				115	60			AC. FT.

Total Acre-Feet 342

TABLE B-31b (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		HARRELL RANCH RIPARIAN SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N	N	N	N	N	N	N	N	12
13	O	O	O	O	O	O	O	O	O	O	O	O	13
14													14
15													15
16	F	F	F	F	F	F	F	F	F	F	F	F	16
17	L	L	L	L	L	L	L	L	L	L	L	L	17
18	O	O	O	O	O	O	O	O	O	O	O	O	18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		HARRELL RANCH RIPARIAN SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1								0.0					1
2								0.0					2
3								0.0					3
4								0.0					4
5								0.0					5
6								0.0					6
7								0.0					7
8								0.0					8
9								0.0					9
10								0.0					10
11								0.0					11
12	N	N	N	N	N	N	N	0.0	N	N	N	N	12
13	O	O	O	O	O	O	O	0.0	O	O	O	O	13
14								0.0					14
15								0.0					15
16								0.0					16
17	F	F	F	F	F	F	F	0.0	F	F	F	F	17
18	L	L	L	L	L	L	L	0.0	L	L	L	L	18
19	O	O	O	O	O	O	O	4.6	O	O	O	O	19
20								0.0					20
21								0.0					21
22								0.0					22
23								0.0					23
24								0.0					24
25								0.0					25
26								0.0					26
27								0.0					27
28								0.0					28
29								0.0					29
30								0.0					30
31								0.0					31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

TABLE B-31b (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		HARRELL RANCH RIPARIAN SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	3	5*	5	5	15				1
2				2	3	5	5*	5	10				2
3				4	3	5	5	5	6*				3
4				4	3	5	4*	5	6				4
5				4	3	5	3	5	6				5
6	Current meter measurements* made these days Other days estimated.			4	3	5	3	5*	6				6
7				4	3	5	4*	5	7				7
8				4*	3	5*	5	5	8				8
9				4*	3	5	7	6	9				9
10				4	3	5	8*	8*	10				10
11				4	3	5	8	8	11				11
12	N	N	N	4	3	5	8	8	12	N	N	N	12
13	O	O	O	4	3*	3	8	7	13	O	O	O	13
14				2	4	3	9	7	14				14
15				1	4*	3	9	7	14				15
16				1	4	3	9	6	14	F	F	F	16
17	F	F	F	1*	4	3	9	6	14*	L	L	L	17
18	O	O	O	1	4	5	9*	6	14	O	O	O	18
19	W	W	W	2	4	5	9	6	14	W	W	W	19
20				2	4	5	9	6*	14				20
21				3*	4	5*	9	7	13				21
22				3*	4	5	9	8	12				22
23				3	4	5	9	9*	12				23
24				3	4	5	9	9	12				24
25				3	4	5	9	9	10				25
26				3	4	5*	9	10	8				26
27				2	4	5	9	13	0				27
28				2	4	5	9	16	0				28
29				0		5	9	19*	0				29
30				0		5	9	19	0				30
31				0		5		19					31
MEAN													MEAN
MAX.				4	4	5	9	19	15				MAX.
MIN.				0	3	3	3	5	0				MIN.
AC. FT.				155	196	288	448	514	563				AC. FT.

Total Acre-Feet for the Year: 2,164

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		HARRELL RANCH RIPARIAN SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Based on intermittent current measurements - Partly estimated.				0		0	10	7	12			1
2					0		0	11	7	14			2
3					0		0	11	10	10			3
4					0		0	11	12	0			4
5					0		0	11	12	0			5
6					0		0	9	13	0			6
7					0		0	8	14	0			7
8					0		0	8	15	0			8
9					0		0	9	16	0			9
10					0		0	10	15	0			10
11					0		0	11	14	0			11
12	N	N	N	N	0	N	0	12	12	0	N	N	12
13	O	O	O	O	7	O	0	10	11	0	O	O	13
14					7		0	9	10	0			14
15					7		0	9	8	0			15
16					7	F	0	8	7	0	F	F	16
17	F	F	F	F	7	L	0	8	7	0	O	O	17
18	O	O	O	O	0	O	0	8	7	0	O	O	18
19	W	W	W	W	0	W	0	8	9	0	W	W	19
20					0		0	8	11	0			20
21					0		0	8	11	0			21
22					0		0	7	11	0			22
23					0		4	7	11	0			23
24					0		8	7	11	0			24
25					0		8	7	11	0			25
26					0		9	7	11	0			26
27					0		9	7	11	0			27
28					0		9	7	10	0			28
29							8	7	10	0			29
30							8	7	10	0			30
31								7		0			31
MEAN													MEAN
MAX.					7		9	12	16	14			MAX.
MIN.					0		0	7	7	0			MIN.
AC. FT.					69		125	530	643	71			AC. FT.

Total Acre-Feet 1438

TABLE B-32

LAKESIDE DITCH

Point of diversion - Thirty-three miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns Branch of Kaweah River) in the northwest quarter of Section 19, Township 18 South, Range 23 East, M.D.B. and M.

Maximum diversion capacity - 475 second-feet

Location of gaging station - One-half mile below head of ditch in the northeast quarter of Section 24, Township 18 South, Range 22 East, M.D.B. and M.

Description of gaging station - Open channel, staff gage and water stage recorder rated by frequent current meter measurements. Parshall flume installed February 1966.

Operating agency - Lakeside Ditch Company

Gross service area - 26,300 acres

Period of record - 1917 to current year; no record during the year ending September 30, 1919; continuous from April 10, 1917, to September 30, 1918, and from October 1, 1919, to current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		LAKESIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			3	0	0.0			0	16	167	205		1
2			6	0	41			0	7	172	103		2
3			0	0	166			0	6	173	0		3
4	*Total water from all sources thru Lakeside Headgate.		0	0	161			0	66	174	0		4
5			0	0	150			0	5	173	0		5
6			0	0	167			0	5	169	0		6
7			0	0	165			0	3	171	0		7
8			0	0	163			0	0	183	0		8
9			0	0	163			0	0	193	0		9
10			0	0	176			0	0	198	0		10
11			0	0	190			0	0	197	0		11
12	N	N	0	0	189	N	N	0	0	198	0	N	12
13	O	O	0	0	189	O	O	0	0	198	0	O	13
14			0	0	191			0	41	197	0		14
15			0	0	208			0	109	196	0		15
16	F	F	0	0	212	F	F	0	127	186	0	F	16
17	L	L	0	4	217	L	L	0	139	173	0	L	17
18	O	O	0	8	219	O	O	0	153	172	0	O	18
19	W	W	0	14	227	W	W	0	161	171	0	W	19
20			0	31	239			0	167	155	0		20
21			0	78	232			0	164	139	0		21
22			1	73	233			0	172	163	0		22
23			34	50	255			0	184	180	0		23
24			39	19	225			0	186	192	0		24
25			8	1	220			0	187	203	0		25
26			6	5	103			0	193	202	0		26
27			6	0	0			6	193	199	0		27
28			6	0	0			7	190	204	0		28
29			6	0	0			13	178	205	0		29
30			6	0	0			7	170	204	0		30
31			5	0	0			6	170	190	0		31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.			39	78	239			13	193	205	205		AC. FT.
			0	0	0			0	139	0	0		
			250	561	9265			77	5478	11300	611		

Total Acre-Feet for the Year * 27,542

TABLE B-32 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		LAKE SIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	8						0			1
2	December 28-January 1, all Kaweah Water		0	0						0			2
3			0	0						0			3
4			0	0						28			4
5			0	0						133			5
6	July 4-July 26, Kings River water from Kings County Water District.		0	0						144			6
7			0	0						145			7
8			0	0						137			8
9			0	0						128			9
10			0	0						138			10
11			0	0						148			11
12			0	0	N	N	N	N	N	148	N	N	12
13			0	0	0	0	0	0	0	146	0	0	13
14			0	0						144			14
15			0	0						151			15
16			0	0	F	F	F	F	F	148	F	F	16
17			0	0	L	L	L	L	L	152	L	L	17
18			0	0	O	O	O	O	O	139	O	O	18
19			0	0	W	W	W	W	W	138	W	W	19
20			0	0						141			20
21			0	0						142			21
22			0	0						143			22
23			0	0						144			23
24			0	0						147			24
25			0	0						150			25
26			0	0						80			26
27			0	0						0			27
28			209	0						0			28
29			263	0						0			29
30			121	0						0			30
31			71	0						0			31
MEAN			263	8						152			MEAN
MAX.			0	0						0			MAX.
MIN.			1220	16						6177			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 7403

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		LAKE SIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from all sources.			0	8	200	97	257	232	258	268	180	1
2				0	0	177	135	259	239	288	272	182	2
3				0	0	175	140	252	273	282	271	182	3
4				0	0	164	140	213	297	271	159	180	4
5				0	0	173	139	200	288	274	189	181	5
6				0	0	175	143	218	283	261	224	86	6
7				0	28	174	153	210	273	249	225	0	7
8				0	85	183	156	209	270	259	235	0	8
9				0	137	171	156	189	282	278	240	0	9
10				0	148	173	156	173	298	278	252	0	10
11				0	114	172	161	175	308	268	257	0	11
12	N	N	N	0	87	173	177	177	299	242	247	0	12
13	O	O	O	0	110	163	189	178	300	240	255	0	13
14				0	125	161	197	184	302	238	250	0	14
15				0	129	160	195	173	295	260	239	0	15
16	F	F	F	0	128	156	188	170	292	282	252	0	16
17	L	L	L	3	129	156	184	172	286	275	257	0	17
18	O	O	O	55	132	156	207	176	297	278	258	0	18
19	W	W	W	200	132	161	221	174	290	269	257	0	19
20				210	127	162	218	181	309	266	255	0	20
21				184	135	167	189	193	310	276	255	0	21
22				158	150	183	190	194	292	288	240	0	22
23				150	154	153	227	190	282	280	218	0	23
24				147	151	112	228	189	297	260	201	0	24
25				146	163	106	243	187	282	265	164	0	25
26				140	194	101	251	189	262	273	164	0	26
27				140	200	94	250	189	252	278	166	0	27
28				143	201	96	240	189	250	272	164	0	28
29				148		97	250	215	257	272	172	0	29
30				85		97	269	264	259	276	174	0	30
31				21		96		229		269	172	0	31
MEAN				210	201	200	269	264	310	288	272	182	MEAN
MAX.				3	0	94	97	170	232	238	159	0	MAX.
MIN.				3828	5885	9297	11284	12234	16772	16513	13789	1966	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 91568

TABLE B-32 (Cont'd)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		LAKE SIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from all sources	0		0	103	0	136	161	206	234	200		1
2		0		0	106	0	129	167	212	246	205		2
3		0		2	107	0	53	169	210	266	203		3
4		0		10	119	12	5	173	199	282	215		4
5		0		10	121	92	0	169	214	275	219		5
6		0		9	127	44	0	167	224	271	195		6
7		0		28	134	57	0	154	248	273	199		7
8		0		140	134	119	15	143	269	275	199		8
9		0		216	139	112	46	143	255	269	198		9
10		0		139	125	109	51	146	262	249	200		10
11		0		209	147	91	85	154	226	236	205		11
12	N O	0	N O	99	158	50	62	154	258	218	214	N O	12
13		0		91	163	17	46	151	297	207	204		13
14		0		169	174	0	43	152	304	219	234		14
15		0		85	179	0	85	158	314	228	229		15
16	F L O W	0	F L O W	110	180	0	112	153	316	211	240	F L O W	16
17		0		68	176	8	141	149	314	223	239		17
18		0		91	175	62	177	153	299	231	236		18
19		14		106	176	99	206	156	294	234	241		19
20		129		67	147	114	196	147	294	242	225		20
21		146		95	167	163	169	144	282	261	228		21
22		147		125	182	157	193	139	274	271	230		22
23		149		123	181	147	187	147	273	266	241		23
24		151		122	181	148	168	156	270	252	240		24
25		147		100	183	145	158	158	246	253	224		25
26		144		92	180	149	147	167	209	248	192		26
27		57		80	178	160	153	182	199	259	164		27
28		4		93	72	162	185	190	196	257	148		28
29		0		114		170	200	209	224	243	148		29
30				100		152	159	223	221	209	66		30
31				101		135		219		219	0		31
MEAN		151		216	183	170	206	223	319	282	241		MEAN
MAX.		0		0	72	0	0	139	196	207	0		MAX.
AC. FT.		2158		5542	8358	5304	6559	10023	15092	15128	12260		AC. FT.

Total Acre-Feet 80424

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		LAKE SIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Total water through headgate.				0	0	0	173	38	174	228		1
2					0	0	0	172	50	112	231		2
3					0	0	0	161	114	107	231		3
4					0	0	0	162	129	102	229		4
5	Includes Central Valley Project water				0	0	0	148	126	126	230		5
6					0	0	0	145	143	146	237		6
7					0	0	5	115	168	183	242		7
8					0	0	8	110	171	182	231		8
9					0	0	6	113	180	213	227		9
10					0	0	0	124	179	253	222		10
11					0	0	0	133	194	249	222		11
12	N O	N O	N O	N O	0	0	0	173	183	220	227	N O	12
13					83	0	0	138	197	237	228		13
14					133	0	0	107	173	247	228		14
15					143	0	0	89	190	246	230		15
16	F L O W	F L O W	F L O W	F L O W	152	0	0	88	212	238	237	F L O W	16
17					175	0	0	93	230	232	240		17
18					79	0	0	89	222	228	241		18
19					0	0	0	100	216	204	242		19
20					0	0	0	91	241	187	243		20
21					0	0	0	112	254	229	147		21
22					0	0	0	104	267	151	0		22
23					0	0	103	70	247	222	0		23
24					0	0	124	70	211	233	0		24
25					0	0	143	88	197	235	0		25
26					0	23	177	72	205	240	0		26
27					0	22	195	51	187	232	0		27
28					0	17	189	27	163	233	0		28
29						10	186	19	178	223	0		29
30						4	177	19	185	219	0		30
31						2		30		222	0		31
MEAN					175	23	195	173	267	253	243		MEAN
MAX.					0	0	0	19	38	102	0		MAX.
AC. FT.					1517	155	2604	6319	10810	12546	9507		AC. FT.

Total Acre-Feet 43458

TABLE B-33

LAKESIDE DITCH
FROM VARIOUS SOURCES

Point of diversion - 33 miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns Branch of Kaweah River) in the northwest quarter of Section 19, Township 18 South, Range 23 East, M.D.B. and M.

Maximum diversion capacity - 475 second-feet

Location of gaging station - One-half mile below head of ditch in the northeast quarter of Section 24, Township 18 South, Range 22 East, M.D.B. and M.

Description of gaging station - Open channel, staff gage and water stage recorder, rated by frequent current meter measurements. Parshall flume installed February 1966.

Operating agency - Lakeside Ditch Company

Gross service area - 26,300 acres

Table B-33 Kaweah River Water through Lakeside Headgate

B-33a St. Johns River Water through Lakeside Headgate

B-33b Kings River Water through Lakeside Headgate

B-33c Kaweah Delta Water Conservation District. St. Johns water through Lakeside Headgate.

B-33d Lakeside Ditch Company. St. Johns River water through Lakeside Headgate.

B-33e Corcoran Irrigation District. St. Johns River water through Lakeside Headgate.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		KAWEAH RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			3	0					0	16			1
2			6	0					0	7			2
3			0	0					0	6			3
4			0	0					0	6			4
5			0	0					0	5			5
6			0	0					0	5			6
7			0	0					0	3			7
8			0	0					0	0			8
9			0	0					0	0			9
10			0	0					0	0			10
11			0	0					0	0			11
12	N	N	0	0	N	N	N	N	0	0	N	N	12
13	O	O	0	0	O	O	O	O	0	0	O	O	13
14			0	0					0	0			14
15			0	0					0	0			15
16	F	F	0	0	F	F	F	F	0	0	F	F	16
17	L	L	0	4	L	L	L	L	0	0	L	L	17
18	O	O	0	8	O	O	O	O	0	0	O	O	18
19	W	W	0	14	W	W	W	W	0	0	W	W	19
20			0	31					C	0			20
21			0	78					0	0			21
22			1	73					0	0			22
23			34	50					0	0			23
24			39	19					0	0			24
25			8	1					0	0			25
26			6	5					6	0			26
27			6	0					7	0			27
28			6	0					13	0			28
29			6	0					7	0			29
30			6	0					6	0			30
31			5	0						0			31
MEAN													MEAN
MAX.			39	78					13	16			MAX.
MIN.			0.0	0.0					0	0			MIN.
AC. FT.			250	561					77	95			AC. FT.

Total Acre-Feet 983

TABLE B-33a

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		ST. JOHNS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0		0		0		0	206	234	Includes water from Cottonwood and Sand Creeks.		1
2		0		0		0		0	212	246			2
3		0		2		0		0	210	266			3
4		0		10		12		0	199	282			4
5		0		10		92		0	214	275			5
6		0		9		44		0	224	271			6
7		0		28		57		0	248	273			7
8		0		140		119		0	269	275			8
9		0		216		112		0	255	269			9
10		0		139		109		0	262	249			10
11		0		209		91		0	226	236			11
12	N	0	N	99	N	50	N	0	258	218	N	N	12
13	O	0	O	11	O	17	O	0	274	207	O	O	13
14		0		0		0		0	259	219			14
15		0		0		0		0	264	228			15
16	F	0	F	0	F	0	F	0	266	211	F	F	16
17	L	0	L	0	L	0	L	0	264	223	L	L	17
18	O	0	O	0	O	0	O	0	78	249	O	O	18
19	W	14	W	53	W	0	W	156	244	234	W	W	19
20		129		67		0		147	244	242			20
21		146		95		0		144	232	261			21
22		147		125		0		139	247	271			22
23		149		123		0		147	273	266			23
24		151		122		0		156	270	252			24
25		147		100		0		88	246	253			25
26		144		92		0		15	209	248			26
27		57		34		0		30	199	259			27
28		4		0		0		38	196	181			28
29		0		0		0		123	224	97			29
30		0		0		0		223	221	0			30
31				0		0		219					31
MEAN													MEAN
MAX.		151		216		119		223	274	282			MAX.
MIN.		0		0		0		0	196	0			MIN.
AC. FT.		2158		3340		1394		3378	14210	13839			AC. FT.

Total Acre-Feet 38319

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		ST. JOHNS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	0	0	0	38	49			1
2					0	0	0	0	50	28			2
3					0	0	0	0	114	107			3
4					0	0	0	0	129	102			4
5					0	0	0	0	126	126			5
6					0	0	0	0	143	146			6
7					0	0	5	0	168	183			7
8					0	0	8	0	171	182			8
9					0	0	6	0	180	213			9
10					0	0	0	0	179	253			10
11					0	0	0	0	194	249			11
12	N	N	N	N	0	0	0	0	183	220	N	N	12
13	O	O	O	O	83	0	0	0	197	237	O	O	13
14					133	0	0	0	108	247			14
15					143	0	0	0	15	246			15
16	F	F	F	F	152	0	0	0	37	238	F	F	16
17	L	L	L	L	175	0	0	0	30	232	L	L	17
18	O	O	O	O	79	0	0	0	5	228	O	O	18
19	W	W	W	W	0	0	0	0	5	204	W	W	19
20					0	0	0	0	16	187			20
21					0	0	0	0	29	229			21
22					0	0	0	0	42	70			22
23					0	0	0	0	40	0			23
24					0	0	0	0	35	0			24
25					0	0	0	46	23	0			25
26					0	23	0	72	29	0			26
27					0	22	0	51	12	0			27
28					0	17	0	27	13	0			28
29						10	0	19	53	0			29
30						4	0	19	60	0			30
31						2		30		0			31
MEAN													MEAN
MAX.					175	23	8	72	197	253			MAX.
MIN.					0	0	0	0	5	0			MIN.
AC. FT.					1517	155	38	525	4808	7887			AC. FT.

Total Acre-Feet 14929

TABLE B-33b

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		KINGS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Lakeside Ditch Company transferred 12.515 acre feet of their 1970-1971 Kaweah River entitlement to Tulare Irrigation District.								0	167	205		1
2									0	172	103		2
3									0	173	0		3
4									0	174	0		4
5									0	173	0		5
6									0	169	0		6
7									0	171	0		7
8									0	183	0		8
9									0	193	0		9
10									0	198	0		10
11									0	197	0		11
12	N	N	N	N	N	N	N	N	0	198	0	N	12
13	O	O	O	O	O	O	O	O	0	198	0	O	13
14									41	197	0		14
15									109	196	0		15
16	F	F	F	F	F	F	F	F	127	186	0	F	16
17	L	L	L	L	L	L	L	L	139	173	0	L	17
18	O	O	O	O	O	O	O	O	153	172	0	O	18
19	W	W	W	W	W	W	W	W	161	171	0	W	19
20									167	155	0		20
21									164	139	0		21
22									172	163	0		22
23									184	180	0		23
24									186	192	0		24
25									187	203	0		25
26									193	202	0		26
27									193	199	0		27
28									190	204	0		28
29									178	205	0		29
30									170	204	0		30
31										190	0		31
MEAN													MEAN
MAX.									193	205	205		MAX.
MIN.									0	139	0		MIN.
AC. FT.									5383	11300	611		AC. FT.

Total Acre-Feet 17294

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		KINGS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	0	154			0	180	1
2						48	100	0			0	182	2
3						157	140	0			0	182	3
4						164	140	0			51	180	4
5						173	139	0			189	181	5
6						175	143	0			224	86	6
7						174	153	0			225	0	7
8						183	156	0			235	0	8
9						171	156	0			240	0	9
10						173	156	0			252	0	10
11						172	161	0			257	0	11
12	N	N	N	N	N	173	177	0	N	N	247	0	12
13	O	O	O	O	O	103	189	0	O	O	255	0	13
14						0	197	0			250	0	14
15						0	195	0			239	0	15
16	F	F	F	F	F	0	188	0	F	F	252	0	16
17	L	L	L	L	L	0	104	0	L	L	251	0	17
18	O	O	O	O	O	0	207	0	O	O	258	0	18
19	W	W	W	W	W	0	221	0	W	W	257	0	19
20						0	218	0			255	0	20
21						0	189	0			255	0	21
22						0	190	0			240	0	22
23						0	227	0			218	0	23
24						0	228	0			201	0	24
25						0	243	0			164	0	25
26						0	251	0			164	0	26
27						0	250	0			166	0	27
28						0	240	0			164	0	28
29						0	250	0			172	0	29
30						0	269	0			174	0	30
31						0		0			172	0	31
MEAN													MEAN
MAX.						183	269	154			258	182	MAX.
MIN.						0	0	0			0	0	MIN.
AC. FT.						3701	11022	306			11966	1966	AC. FT.

Total Acre-Feet 28961

TABLE B-33b (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		KINGS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from all Kings River sources. No breakdown made.			0	103					0	200		1
2				0	106					0	205		2
3				0	107					0	203		3
4				0	119					0	215		4
5				0	121					0	219		5
6				0	127					0	195		6
7				0	134					0	199		7
8				0	134					0	199		8
9				0	57					0	198		9
10				0	0					0	200		10
11				0	0					0	205		11
12	N	N	N	0	0	N	N	N	N	0	214	N	12
13	O	O	O	80	0	O	O	O	O	0	204	O	13
14				169	0					0	234		14
15				85	0					0	229		15
16	F	F	F	110	0	F	F	F	F	0	240	F	16
17	L	L	L	68	0	L	L	L	L	0	239	L	17
18	O	O	O	91	0	O	O	O	O	0	236	O	18
19	W	W	W	53	0	W	W	W	W	0	241	W	19
20				0	70					0	225		20
21				0	167					0	228		21
22				0	182					0	230		22
23				0	181					0	241		23
24				0	181					0	240		24
25				0	183					0	224		25
26				0	180					0	192		26
27				46	178					0	164		27
28				93	72					0	148		28
29				114						0	148		29
30				100						99	66		30
31				101						183	0		31
MEAN													MEAN
MAX.				169	183					183	241		MAX.
MIN.				0	0					0	0		MIN.
AC. FT.				2202	4764					559	12260		AC. FT.

Total Acre-Feet 19785

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		KINGS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	125	228		1
2									0	84	231		2
3									0	0	231		3
4									0	0	229		4
5									0	0	230		5
6									0	0	237		6
7									0	0	242		7
8									0	0	231		8
9									0	0	227		9
10									0	0	222		10
11									0	0	222		11
12	N	N	N	N	N	N	N	N	0	0	227	N	12
13	O	O	O	O	O	O	O	O	0	0	228	O	13
14									65	0	228		14
15									175	0	230		15
16	F	F	F	F	F	F	F	F	175	0	237	F	16
17	L	L	L	L	L	L	L	L	200	0	240	L	17
18	O	O	O	O	O	O	O	O	217	0	241	O	18
19	W	W	W	W	W	W	W	W	211	0	242	W	19
20									225	0	243		20
21									225	0	147		21
22									225	81	0		22
23									207	222	0		23
24									176	233	0		24
25									174	235	0		25
26									176	240	0		26
27									175	232	0		27
28									150	233	0		28
29									125	223	0		29
30									125	219	0		30
31									0	222	0		31
MEAN													MEAN
MAX.									225	240	243		MAX.
MIN.									0	0	0		MIN.
AC. FT.									6002	4659	9507		AC. FT.

Total Acre-Feet 20168

TABLE B-33c

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		KAWEAH DELTA WATER CONSERVATION DISTRICT ST. JOHNS WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0				1
2									0				2
3									0				3
4									0				4
5									0				5
6									10				6
7									0				7
8									0				8
9									9				9
10									25				10
11									35				11
12	N	N	N	N	N	N	N	N	26	N	N	N	12
13	O	O	O	O	O	O	O	O	27	O	O	O	13
14									40				14
15									56				15
16	F	F	F	F	F	F	F	F	0	F	F	F	16
17	L	L	L	L	L	L	L	L	0	L	L	L	17
18	O	O	O	O	O	O	O	O	0	O	O	O	18
19	W	W	W	W	W	W	W	W	0	W	W	W	19
20									0				20
21									0				21
22									0				22
23									0				23
24									0				24
25									0				25
26									0				26
27									0				27
28									0				28
29									0				29
30									0				30
31									0				31
MEAN									56				MEAN
MAX.									0				MAX.
MIN.									0				MIN.
AC. FT.									452				AC. FT.

Total Acre-Feet 452

TABLE B-33d

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		LAKESIDE DITCH COMPANY ST. JOHNS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	0	97	103	232	258			1
2				0	0	0	35	206	200	288			2
3				0	0	0	0	206	200	282			3
4				0	0	0	0	200	200	271			4
5				0	0	0	0	200	200	274			5
6				0	0	0	0	200	273	261			6
7				0	0	0	0	200	273	249			7
8				0	0	0	0	200	270	259			8
9				0	0	0	0	175	273	278			9
10				0	0	0	0	0	273	278			10
11				0	0	0	0	0	273	268			11
12	N	N	N	0	87	0	0	0	273	242	N	N	12
13	O	O	O	0	110	60	0	0	273	240	O	O	13
14				0	125	161	0	0	262	238			14
15				0	129	160	0	0	239	260			15
16	F	F	F	0	128	156	0	0	292	282	F	F	16
17	L	L	L	3	129	156	0	0	286	275	L	L	17
18	O	O	O	55	132	156	0	0	297	278	O	O	18
19	W	W	W	200	132	161	0	0	290	269	W	W	19
20				210	127	162	0	0	309	266			20
21				184	135	167	0	8	310	276			21
22				158	67	183	0	9	292	288			22
23				150	0	153	0	5	282	280			23
24				147	0	112	0	4	297	260			24
25				146	0	106	0	2	282	265			25
26				140	0	101	0	4	262	273			26
27				140	0	94	0	89	252	278			27
28				143	0	96	0	189	250	124			28
29				148		97	0	215	257	0			29
30				85		97	0	264	259	0			30
31				21		96		229		0			31
MEAN				210	135	183	97	264	310	288			MEAN
MAX.				0	0	0	0	0	200	0			MAX.
MIN.				3828	2596	4907	262	5371	15731	14599			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 47294

TABLE B-33e

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		CORCORAN IRRIGATION DISTRICT ST. JOHNS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	268		1
2										0	272		2
3										0	271		3
4										0	108		4
5										0	0		5
6										0	0		6
7										0	0		7
8										0	0		8
9										0	0		9
10										0	0		10
11										0	0		11
12	N	N	N	N	N	N	N	N	N	0	0	N	12
13	O	O	O	O	O	O	O	O	O	0	0	O	13
14										0	0		14
15										0	0		15
16	F	F	F	F	F	F	F	F	F	0	0	F	16
17	L	L	L	L	L	L	L	L	L	0	0	L	17
18	O	O	O	O	O	O	O	O	O	0	0	O	18
19										0	0		19
20										0	0		20
21										0	0		21
22										0	0		22
23										0	0		23
24										0	0		24
25										0	0		25
26										0	0		26
27										148	0		27
28										272	0		28
29										276	0		29
30										269	0		30
31										0	0		31
MEAN													MEAN
MAX.										276	272		MAX.
MIN.										0	0		MIN.
AC. FT.										1914	1823		AC. FT.

Total Acre-Feet 3737

TABLE B-34

LAKELAND CANAL NO 2 FOR CORCORAN IRRIGATION DISTRICT

Point of diversion - 41 miles below McKay Point near the northeast corner of Section 10,

Township 20 South, Range 22 East, M.D.B. and M.

Location of gaging station - Approximately 150 yards south of and below the head of Lakeland Canal

No.2

Operating agency - Corcoran Irrigation District

Period of record - 1917 to current year

Remarks: Cross Creek is an extension of St. Johns Branch of the Kaweah River.

Water can be delivered to the Corcoran Irrigation District via Cross Creek, Lakeland Canal

No.2 and the Highline Canal from the Kaweah River, St. Johns Branch, and Kings River.

Central Valley Project water is also delivered via Cross Creek.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		LAKELAND CANAL NO. 2 FOR CORCORAN IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N	N	N	N	N	N	N	N	12
13	O	O	O	O	O	O	O	O	O	O	O	O	13
14													14
15													15
16	F	F	F	F	F	F	F	F	F	F	F	F	16
17	L	L	L	L	L	L	L	L	L	L	L	L	17
18	O	O	O	O	O	O	O	O	O	O	O	O	18
19	W	W	W	W	W	W	W	W	W	W	W	W	19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

TABLE B-34 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		LAKELAND CANAL NO.2 FOR CORCORAN IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	All Kaweah River water.		0										1
2			0										2
3			0										3
4			0										4
5			0										5
6			0										6
7			0										7
8			0										8
9			0										9
10			0										10
11			0										11
12	N	N	0	N	N	N	N	N	N	N	N	N	12
13	O	O	0	O	O	O	O	O	O	O	O	O	13
14			0										14
15			0										15
16	F	F	0	F	F	F	F	F	F	F	F	F	16
17	L	L	0	L	L	L	L	L	L	L	L	L	17
18	O	O	0	O	O	O	O	O	O	O	O	O	18
19	W	W	0	W	W	W	W	W	W	W	W	W	19
20			0										20
21			0										21
22			0										22
23			0										23
24			0										24
25			0										25
26			0										26
27			0										27
28			150										28
29			115										29
30			20										30
31													31
MEAN													MEAN
MAX.			150										MAX.
MIN.			0										MIN.
AC. FT.			565										AC. FT.

Total Acre-Feet 565

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		LAKELAND CANAL NO.2 FOR CORCORAN IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	40	35	10	270	125			1
2				0	0	20	35	20	285	125			2
3	Includes water from St. Johns River, Kings River and spill sources.			0	0	10	35	25	340	145			3
4				0	0	0	35	15	375	164			4
5				0	0	0	20	15	345	170			5
6				0	0	0	20	25	325	140			6
7				0	0	0	40	25	275	122			7
8				0	0	0	55	20	175	117			8
9				0	0	20	55	50	145	117			9
10				0	0	30	75	50	145	75			10
11				0	0	35	75	30	150	0			11
12	N	N	N	0	30	35	75	40	130	0	N	N	12
13	O	O	O	0	120	80	75	65	50	0	O	O	13
14				0	110	90	75	65	10	0			14
15				0	205	90	70	45	25	0			15
16	F	F	F	0	285	85	20	45	150	0	F	F	16
17	L	L	L	0	150	50	15	20	210	0	L	L	17
18	O	O	O	0	80	50	20	15	210	0	O	O	18
19	W	W	W	0	80	50	20	15	205	0	W	W	19
20				75	80	50	15	15	156	0			20
21				200	90	200	10	50	180	0			21
22				200	75	185	10	60	175	0			22
23				190	75	95	10	45	165	0			23
24				195	70	55	15	45	165	0			24
25				185	60	35	10	50	190	0			25
26				170	40	25	10	65	185	0			26
27				160	20	200	10	75	150	0			27
28				150	20	185	10	75	110	0			28
29				75		85	10	90	120	0			29
30				55		80	15	100	120	0			30
31				40		45		197		0			31
MEAN													MEAN
MAX.				200	285	200	75	197	375	170			MAX.
MIN.				0	0	0	10	10	10	0			MIN.
AC. FT.				3362	3154	3729	1924	2900	10981	2579			AC. FT.

Total Acre-Feet 28649

TABLE B-34 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		LAKELAND CANAL NO.2 FOR CORCORAN IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from all St. Johns River sources. Partly estimated.			0			0	65	168	59			1
2				0			13	60	140	51			2
3				0			116	56	130	51			3
4				0			217	72	129	44			4
5				0			195	96	61	44			5
6				0			126	130	85	55			6
7				0			35	29	138	63			7
8				0			35	32	133	63			8
9				0			0	34	57	121			9
10				0			0	24	22	46			10
11				0			0	53	0	20			11
12	N	N	N	0	N	N	0	86	0	20	N	N	12
13	O	O	O	0	O	O	0	118	0	24	O	O	13
14				0			0	77	9	38			14
15				0			0	55	50	64			15
16	F	F	F	0	F	F	0	34	63	84	F	F	16
17	L	L	L	0	L	L	0	3	88	79	L	L	17
18	O	O	O	0	O	O	0	36	95	50	O	O	18
19	W	W	W	0	W	W	0	50	109	42	W	W	19
20				0			0	62	68	35			20
21				20			0	74	90	52			21
22				25			0	41	91	84			22
23				50			0	12	99	133			23
24				50			0	44	99	73			24
25				50			0	52	97	74			25
26				25			0	62	49	20			26
27				0			0	72	28	72			27
28				0			0	147	0	96			28
29				0			0	211	44	0			29
30				0			68	241	44	0			30
31				0				194		0			31
MEAN													MEAN
MAX.				50			217	241	168	133			MAX.
MIN.				0			0	3	0	0			MIN.
AC. FT.				436			1597	4606	4336	3287			AC. FT.

Total Acre-Feet 14262

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		LAKELAND CANAL NO. 2 FOR CORCORAN IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Diversions Estimated				0				0				1
2					0				0				2
3					0				34				3
4					0				165				4
5					0				298				5
6	Includes Kaweah River water from all sources. Does not include Kings River Water.				0				271				6
7					0				270				7
8					0				179				8
9					0				240				9
10					0				260				10
11					0				218				11
12	N	N	N	N	0	N	N	N	190	N	N	N	12
13	O	O	O	O	0	O	O	O	85	O	O	O	13
14					0				138				14
15					50				0				15
16	F	F	F	F	75	F	F	F	0	F	F	F	16
17	L	L	L	L	70	L	L	L	0	L	L	L	17
18	O	O	O	O	50	O	O	O	0	O	O	O	18
19	W	W	W	W	0	W	W	W	0	W	W	W	19
20					0				0				20
21					0				0				21
22					0				0				22
23					0				0				23
24					0				0				24
25					0				0				25
26					0				0				26
27					0				0				27
28					0				0				28
29					0				0				29
30					0				0				30
31					0				0				31
MEAN													MEAN
MAX.					75				298				MAX.
MIN.					0				0				MIN.
AC. FT.					486				4532				AC. FT.

Total Acre-Feet 5018

TABLE B-35

TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

Point of diversion - Six and one-half miles below head of Wutchumna Ditch in the northeast quarter of Section 3, Township 18 South, Range 26 East, M.D.B. and M.

Maximum diversion capacity - 200 second-feet

Location of gaging station - 700 feet below the head of the canal connecting Wutchumna Ditch and Tulare Irrigation District canal in the northeast quarter of Section 3, Township 18 South, Range 26 East, M.D.B. and M.

Description of gaging station - Concrete Parshall flume and water stage recorder

Operating agency - Tulare Irrigation District

Gross service area - 75,350 acres

Period of record - April 1, 1938, to current year

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0.0	20.4	65.0	0.7	112.9	0.0	78.7	38.7	4.6		1
2			0.0	19.9	62.0	0.0	110.9	0.0	77.0	36.2	4.3		2
3			0.0	19.0	54.4	0.0	112.9	0.0	66.5	25.1	5.7		3
4			15.7	18.0	53.0	0.0	114.8	0.0	68.1	20.4	6.0		4
5			60.4	15.2	46.7	0.0	103.4	0.0	58.8	16.2	5.4		5
6			59.6	9.5	41.3	0.0	102.5	0.0	72.9	9.5	5.4		6
7			57.4	8.7	40.6	0.0	98.8	0.0	71.3	7.0	4.8		7
8			54.4	8.4	41.9	0.0	97.9	0.0	72.1	5.7	5.4		8
9			51.6	6.4	42.6	0.0	98.8	0.0	82.9	6.0	4.3		9
10			37.5	8.7	32.5	0.0	97.9	0.0	94.3	6.0	3.5		10
11			19.5	11.0	24.1	0.0	93.4	0.0	94.3	6.4	2.3		11
12	N	N	17.5	15.2	26.8	0.0	85.5	0.0	93.4	7.0	1.5	N	12
13	O	O	17.1	15.2	27.3	0.0	77.8	0.0	92.5	8.0	1.7	O	13
14			15.7	14.8	26.8	0.0	68.9	0.0	89.9	8.0	1.5		14
15			13.9	22.5	26.8	0.0	13.5	0.0	86.4	5.4	1.5		15
16	P	P	14.1	26.8	27.3	0.0	0.6	0.0	79.5	6.4	0.0	P	16
17	L	L	13.9	27.1	28.5	0.0	1.1	104.4	76.2	6.0	0.0	L	17
18	O	O	15.0	13.1	44.6	0.0	0.4	105.3	78.7	4.8	0.0	O	18
19	W	W	18.5	52.3	74.6	0.0	0.0	103.4	74.6	4.6	0.0	W	19
20			23.5	90.7	71.3	0.0	0.0	104.4	68.9	4.6	0.0		20
21			25.7	94.3	76.2	0.0	0.0	104.4	68.1	5.7	0.0		21
22			23.5	97.9	60.4	0.0	0.0	101.4	64.2	6.7	0.0		22
23			22.5	89.9	47.1	0.0	0.0	102.5	60.4	6.7	0.0		23
24			22.5	89.9	47.4	0.0	0.0	100.6	59.6	6.7	0.0		24
25			22.5	89.9	40.6	0.0	0.0	100.6	61.9	6.4	0.0		25
26			21.8	87.2	35.6	0.0	0.0	99.7	63.4	6.4	0.0		26
27			22.0	86.4	33.1	0.0	0.0	105.3	63.4	6.7	0.0		27
28			22.0	82.9	8.2	0.0	0.0	120.6	63.4	5.7	0.0		28
29			21.5	78.7		0.0	0.0	122.6	64.2	3.5	0.0		29
30			21.4	74.6		0.0	0.0	112.9	55.2	3.2	0.0		30
31			20.9	70.5		46.7		98.8		4.6	0.0		31
MEAN													MEAN
MAX.			60.4	97.9	74.6	46.7	114.8	122.6	94.3	38.7	6.0		MAX.
MIN.			13.9	6.4	8.2	0.0	0.0	0.0	55.2	3.2	0.0		MIN.
AC. FT.			1491	2708	2395	94	2761	3148	4365	584	115		AC. FT.

Total Acre-Feet 17661

TABLE B-35 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	1.5	0			0	0	17.5			1
2			0	1.4	0			0	0	17.5			2
3			0	1.3	0			0	0	17.1			3
4			0	0	0			0	0	16.6			4
5			0	0	0			0	0	16.2			5
6			0	0	0			0	0 0	16.6			6
7			0	0	0			0	0 0	8.7			7
8			0	0	0			0	0 0	5.1			8
9			0	0	0			0	17.5	5.1			9
10			0	0	0			0	47.4	3.5			10
11			0	0	0			0	44.6	3.0			11
12	N	N	0	0	0	N	N	0	44.0	3.0	N	N	12
13	O	O	0	0	0	O	O	0	39.4	3.2	O	O	13
14			0	0	0			0	34.3	3.7			14
15			0	0	0			0	28.5	3.0			15
16	F	F	0	0	0	F	F	8.5	25.1	2.5	F	F	16
17	L	L	0	0	0	L	L	19.9	27.3	2.5	L	L	17
18	O	O	0	0	0	O	O	10.2	26.8	4.6	O	O	18
19	W	W	0	0	24.0	W	W	0	25.7	3.7	W	W	19
20			0	0	52.9			0	26.8	0			20
21			0	0	51.0			0	25.1	0			21
22			0	0	49.8			0	24.6	0			22
23			11.8	0	49.5			0	24.1	0			23
24			76.3	0	49.8			0	23.5	0			24
25			89.5	0	49.8			0	22.5	0			25
26			97.8	0	13.1			0	20.4	0			26
27			102.3	0	0			0	18.5	0			27
28			106.3	0	0			0	19.0	0			28
29			95.3	0	0			0	19.0	0			29
30			27.7	0	0			0	18.0	0			30
31			1.5	0	0			0	0	0			31
MEAN			106.3	1.5	52.9			19.9	47.4	17.5			MEAN
MAX.			0.0	0.0	0.0			0.0	0.0	0.0			MAX.
MIN.			1207	8	674			77	1194	304			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3464

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	79	89	19	84	111	133	53	10		1
2			0	75	85	52	84	112	132	52	10		2
3			0	60	80	124	86	110	132	45	10		3
4			14	47	75	128	100	111	127	59	7		4
5			49	38	70	123	105	109	128	39	8		5
6			72	33	8	111	103	108	129	41	8		6
7			98	30	0	103	104	92	120	43	8		7
8			93	27	0	100	105	81	144	42	8		8
9			71	23	0	101	105	80	152	47	8		9
10			50	0	5	105	106	106	153	54	8		10
11			47	0	24	107	107	130	150	54	7		11
12	N	N	14	0	23	103	107	134	150	54	7	N	12
13	O	O	0	0	53	105	108	134	151	48	7	O	13
14			0	0	117	107	100	130	144	25	7		14
15			0	0	157	107	100	132	132	13	5		15
16	F	F	0	43	153	108	105	134	101	11	5	F	16
17	L	L	0	74	148	108	101	115	89	10	6	L	17
18	O	O	0	110	153	108	99	101	100	9	6	O	18
19	W	W	0	107	156	108	98	100	107	10	6	W	19
20			0	148	157	123	99	100	113	10	6		20
21			0	141	155	103	100	101	113	10	6		21
22			0	141	97	97	100	99	114	10	6		22
23			0	140	50	101	101	99	113	10	3		23
24			0	135	33	106	100	103	112	10	1		24
25			0	130	22	89	100	123	100	11	1		25
26			0	123	19	84	98	132	85	9	0		26
27			37	121	18	73	92	130	76	8	0		27
28			97	118	22	83	84	130	76	8	0		28
29			93	112		86	113	130	75	9	0		29
30			88	65		85	112	132	49	9	0		30
31			82	92		85		133		9	0		31
MEAN			98	148	159	128	113	136	153	54	10		MEAN
MAX.			0	0	0	19	84	80	49	8	0		MAX.
MIN.			1795	4388	3909	6034	5990	7041	6966	1591	325		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 38039

TABLE B-35 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	53	31	196	4	129	97	101	53	8		1
2		0	49	32	161	4	135	94	106	51	8		2
3		0	46	33	52	5	132	100	110	41	8		3
4		0	51	33	51	4	133	103	99	27	8		4
5		0	56	32	50	35	133	103	93	27	8		5
6		0	56	33	46	130	133	102	95	27	8		6
7		0	54	34	44	150	133	101	101	22	8		7
8		0	53	38	46	146	122	102	110	18	9		8
9		0	52	46	49	146	112	102	114	18	6		9
10		0	50	47	49	148	112	114	75	14	4		10
11		0	49	48	57	143	112	128	112	6	4		11
12	N O	0	47	49	73	136	112	129	107	9	4	N O	12
13		0	46	47	75	139	112	130	108	10	5		13
14		0	36	46	80	120	113	130	106	10	5		14
15		0	29	47	96	101	113	130	92	9	5		15
16	F L O W	0	24	63	94	90	79	129	73	9	5	F L O W	16
17		0	37	89	93	78	113	129	57	9	5		17
18		0	54	86	97	78	112	130	49	9	5		18
19		0	52	86	67	79	113	130	52	9	5		19
20		26	52	88	48	80	113	130	53	9	5		20
21		66	52	115	59	80	113	101	58	9	5		21
22		63	51	133	58	54	114	69	62	9	5		22
23		61	50	138	58	78	115	60	69	8	5		23
24		60	49	135	58	66	116	60	70	8	5		24
25		60	48	116	53	65	115	60	57	9	5		25
26		59	48	100	47	65	115	60	54	9	5		26
27		62	49	97	40	66	115	63	54	8	1		27
28		61	48	97	16	67	114	65	55	8	0		28
29		56	49	36		67	114	68	60	8			29
30		52	39	63		98	113	92	57	8			30
31			31	189		122		101		8			31
MEAN													MEAN
MAX.		66	56	189	196	150	135	130	114	53	9		MAX.
MIN.		0	24	31	16	4	79	60	49	6	0		MIN.
AC. FT.		1242	2896	4417	3794	5244	6962	6173	4778	950	305		AC. FT.

Total Acre-Feet 36761

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	0		0	1.0	41.0	107.1	120.6	64.2	5.7	4.6	1
2		0	26.0		0	14.0	0	110.9	118.7	65.0	5.7	4.6	2
3		0	39.4		0	9.0	0	89.0	118.7	65.0	5.7	4.6	3
4		0	35.6		0	3.0	0	78.7	117.7	58.1	5.7	2.5	4
5		0	33.7		0	0	0	47.4	117.7	51.6	6.0	1.0	5
6		39.4	48.0		0	0	0	77.8	97.9	50.8	6.0	0.6	6
7		37.5	67.3		0	0	0	77.0	75.4	51.6	5.7	0.3	7
8		41.9	62.7		0	0	0	75.4	77.8	51.6	5.7	0.8	8
9		46.0	57.4		0	0	0	77.0	78.7	51.6	5.7	3.5	9
10		45.3	54.4		0	55.0	0	62.7	79.5	33.7	5.7	3.7	10
11		41.9	58.8		35.0	95.0	0	105.3	82.1	7.0	5.1	3.2	11
12	N O	29.2	56.0	N O	104.0	101.0	0	103.4	84.6	10.2	5.1	2.5	12
13		0	52.0		118.7	100.0	14.8	109.0	84.6	10.2	5.1	2.3	13
14		0	44.0		124.0	18.0	48.7	108.1	63.4	9.8	5.1	2.3	14
15		0	33.0		119.0	0	45.3	114.8	87.2	9.5	5.4	1.9	15
16	F L O W	0	6.0	F L O W	115.0	0	85.5	120.6	89.0	9.5	5.1	0.3	16
17		0	0		107.1	0	98.8	125.6	87.2	7.4	5.1	0	17
18		0	0		64.0	0	97.0	127.6	69.7	5.7	5.1	0	18
19		0	0		15.0	0	94.3	124.8	48.0	4.3	5.1	0	19
20		0	0		13.0	0	64.2	122.6	36.8	3.2	5.7	0	20
21		0	0		15.2	0	48.0	123.6	26.2	3.0	6.0	0	21
22		0	0		15.2	0	48.0	125.6	39.4	0	5.1	0	22
23		0	0		15.7	0	48.7	123.6	38.1	0	5.1	0	23
24		0	0		13.0	0	50.1	120.6	36.8	0	5.7	0	24
25		0	0		0	55.0	50.8	119.6	36.2	0	5.7	0	25
26		0	0		0	92.0	84.6	119.6	36.2	0	5.4	0	26
27		0	0		0	92.0	110.0	120.6	47.4	0	5.7	0	27
28		0	0		0	93.0	111.9	119.6	56.6	0	5.4	0	28
29		0	0		0	92.0	112.9	120.6	60.4	0	5.7	0	29
30		0	0		0	90.0	108.1	121.6	65.0	0	6.3	0	30
31			0		0	89.0		121.6		0	4.8		31
MEAN													MEAN
MAX.		46	67.3		124	101	112.9	127.6	120.6	65	6.3	4.6	MAX.
MIN.		29.2	6.0		13.0	1.0	14.8	47.4	26.2	3.0	4.8	3	MIN.
AC. FT.		557.8	1337.5		1733.4	1981.5	2702.9	6548.3	4319.3	1235.7	338.0	76.8	AC. FT.

Total Acre-Feet 20831.2

TABLE B-36

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		CROSS CREEK AT HIGHWAY 198

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0										1
2	All Kaweah River water.		0										2
3			0										3
4			0										4
5			0										5
6			0										6
7			0										7
8			0										8
9			0										9
10			0										10
11			0										11
12	N	N	0	N	N	N	N	N	N	N	N	N	12
13	O	O	0	O	O	O	O	O	O	O	O	O	13
14			0										14
15			0										15
16	F	F	0	F	F	F	F	F	F	F	F	F	16
17	L	L	0	L	L	L	L	L	L	L	L	L	17
18	O	O	0	O	O	O	O	O	O	O	O	O	18
19	W	W	0	W	W	W	W	W	W	W	W	W	19
20			0										20
21			0										21
22			0										22
23			0										23
24			0										24
25			0										25
26			0										26
27			0										27
28			125										28
29			280										29
30			94										30
31			0										31
MEAN													MEAN
MAX.			280										MAX.
MIN.			0										MIN.
AC. FT.			990										AC. FT.

Total Acre-Feet 990

CENTRAL VALLEY PROJECT DELIVERIES TO TULARE IRRIGATION DISTRICT

Point of diversion - to Tulare Irrigation District Canal -- south side Friant-Kern Canal north of the southeast corner of Section 34, Township 17 South, Range 26 East, M.D.B. & M.

To St. Johns River -- north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner Section 1, Township 18 South, Range 26 East

To Kaweah River -- north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner Section 12, Township 18 South, Range 26 East

Table B-37 At Friant-Kern Canal

B-37a At St. Johns River

B-37b At Lower Kaweah River

TABLE B-37

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT FRIANT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					100					100	604		1
2					178					108	600		2
3					240					108	619		3
4					275					67	647		4
5					275					50	680		5
6					273					50	699		6
7					273					50	654		7
8					273					50	610		8
9					273					50	605		9
10					273				111	50	600		10
11					273				154	50	599		11
12	N	N	N	N	273	N	N	N	230	50	600	N	12
13	O	O	O	O	273	O	O	O	257	50	600	O	13
14					275				277	50	562		14
15					308				301	50	554		15
16	P	P	P	P	324	P	P	P	302	50	554	P	16
17	L	L	L	L	374	L	L	L	301	68	606	L	17
18	O	O	O	O	401	O	O	O	295	75	646	O	18
19	W	W	W	W	452	W	W	W	301	328	754	W	19
20					498				304	590	654		20
21					523				304	614	654		21
22					549				304	627	654		22
23					578				304	627	654		23
24					621				304	645	578		24
25					639				304	654	570		25
26					639				301	654	575		26
27					511				301	654	269		27
28					28				216	650			28
29									100	651			29
30										649			30
31										649			31
MEAN					639				304	654	699		MEAN
MAX.					28				0	50	0		MAX.
MIN.					19780				10661	18088	32333		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 80862

TABLE B-37 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT FRIANT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0				0	371			1
2					0				0	397			2
3					0				0	406			3
4					0				0	437			4
5					0				0	434			5
6					0				0	438			6
7					0				0	487			7
8					0				0	467			8
9					0				0	542			9
10					0				140	528			10
11					0				369	508			11
12	N	N	N	N	0	N	N	N	491	535	N	N	12
13	O	O	O	O	0	O	O	O	497	537	O	O	13
14					0				499	538			14
15					0				496	544			15
16	F	F	F	F	0	F	F	F	492	580	F	F	16
17	L	L	L	L	0	L	L	L	491	620	L	L	17
18	O	O	O	O	154	O	O	O	484	624	O	O	18
19	W	W	W	W	204	W	W	W	585	37	W	W	19
20					506				564	0			20
21					600				539	0			21
22					600				438	0			22
23					600				403	0			23
24					550				363	0			24
25					0				326	0			25
26					0				327	0			26
27					0				343	0			27
28					0				351	0			28
29									344	0			29
30									396	0			30
31													31
MEAN													MEAN
MAX.					600				585	624			MAX.
MIN.					0				0	0			MIN.
AC. FT.					6375				17729	17911			AC. FT.

Total Acre-Feet 42015

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT FRIANT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	200	0	551	0	640	162	418	1
2					0	114	75	528	0	608	162	414	2
3					0	0	150	519	0	602	141	412	3
4					0	0	150	519	0	602	118	412	4
5					147	48	150	519	0	602	72	470	5
6					149	101	151	456	0	602	75	499	6
7					147	99	152	425	0	600	75	467	7
8					147	100	152	381	0	565	75	426	8
9					189	99	152	372	0	533	75	422	9
10					200	99	152	342	0	501	75	424	10
11					200	100	150	321	0	504	75	422	11
12	N	N	N	N	202	142	201	316	0	501	77	421	12
13	O	O	O	O	200	158	273	316	0	502	75	417	13
14					107	150	294	323	0	501	74	414	14
15					0	150	301	357	113	420	145	421	15
16	F	F	F	F	0	149	304	363	389	400	204	285	16
17	L	L	L	L	0	150	346	363	504	402	166	53	17
18	O	O	O	O	0	149	354	360	504	400	105	0	18
19	W	W	W	W	0	150	370	360	501	397	74	0	19
20					0	168	398	332	438	394	74	0	20
21					0	172	404	334	425	397	74	0	21
22					67	174	404	302	427	404	128	0	22
23					140	174	516	293	489	407	418	0	23
24					200	174	551	293	551	294	663	0	24
25					200	194	551	274	551	164	601	0	25
26					200	202	551	137	551	164	550	0	26
27					204	101	554	0	618	164	543	0	27
28					202	0	554	0	640	160	484	0	28
29						0	548	0	638	162	462	0	29
30						0		0	640	164	465	0	30
31						0		0		162	438		31
MEAN													MEAN
MAX.					204	202	554	551	640	640	663	499	MAX.
MIN.					0	0	0	0	0	160	72	0	MIN.
AC. FT.					5754	6976	18762	19153	15826	25623	13736	13482	AC. FT.

Total Acre-Feet 110313

TABLE B-37 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT FRIANT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	*USBR reported deliveries in Acre Feet.				0	0	191	399	0	611*	890*	188*	1
2					0	0	155	402	0	401*	886*	188*	2
3					161	0	149	400	0	397*	893*	179*	3
4					245	0	163	359	79	401*	901*	171*	4
5					247	0	174	351	204	401*	901*	176*	5
6					247		174	349	207	404*	804*	181*	6
7					283	0	176	334	110	405*	693*	284*	7
8					301	0	191	393	0	448*	692*	521*	8
9					262	0	200	402	0	452*	691*	649*	9
10					253	0	220	402	0	450*	699*	324*	10
11					253	0	242	397	148	456*	702*	0	11
12	N	N	N	N	295	0	267	397	346	458*	706*	0	12
13	O	O	O	O	301	0	273	402	350	450*	702*	0	13
14					301	0	292	400	347	357*	698*	0	14
15					315	162	318	397	411	360*	696*	0	15
16	F	F	F	F	352	276	342	397	486	361*	697*	0	16
17	L	L	L	L	368	299	362	356	520	384*	692*	0	17
18	O	O	O	O	456	377	375	304	535	532*	692*	429*	18
19	W	W	W	W	549	392	384	308	539	541*	696*	490*	19
20					615	397	390	306	540	479*	702*	510*	20
21					623	349	387	133	535	446*	840*	506*	21
22					624	358	377	144	540	545*	986*	510*	22
23					643	356	390	152	543	549*	991*	544*	23
24					651	356	397	150	540	549*	994*	553*	24
25					649	358	394	125	540	721*	990*	549*	25
26					715	358	394	122	506	896*	994*	574*	26
27					725	327	400	141	473	892*	1000*	581*	27
28					142	323	402	152	421	887*	1000*	536*	28
29						321	400	89	404	893*	994*	530*	29
30						254	400	0	404	896*	621*	526*	30
31						195				893*	223*		31
MEAN													MEAN
MAX.					725	397	402	402	543	896*	1000*	649*	MAX.
MIN.					0	0	149	0	0	357	223*	0*	MIN.
AC. FT.					20977	10826	17810	17183	19295	16915	24666	9699*	AC. FT.

Total Acre-Feet 137371

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT FRIANT - KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	265				179			357	455	615	97	554	1
2	88				336			330	324	574	100	480	2
3	0				402			332	247	528	100	470	3
4	0				402			336	249	571	100	473	4
5	0				424			334	251	471	100	473	5
6	0				422			334	201	464	96	470	6
7	0				471			334	81	463	98	475	7
8	0				498			334	0	509	98	473	8
9	0				560			334	137	514	98	460	9
10	0				600			333	343	603	98	444	10
11	0				497			334	190	490	99	439	11
12	0	N	N	N	359	N	N	331	0	368	92	446	12
13	0	O	O	O	325	O	O	329	0	365	89	450	13
14	0				325			362	260	364	89	405	14
15	0				325			389	477	252	89	0	15
16	0	F	F	F	325	F	F	392	477	118	89	0	16
17	0	L	L	L	325	L	L	358	335	118	88	0	17
18	0	O	O	O	479	O	O	347	199	118	88	0	18
19	0	W	W	W	630	W	W	347	358	118	88	0	19
20	0				630			347	527	120	88	0	20
21	0				630			378	551	120	89	0	21
22	0				604			382	551	120	90	0	22
23	0				603			377	551	121	90	0	23
24	0				601			381	607	92	90	0	24
25	0				594			377	654	85	90	0	25
26	0				596			382	647	85	117	0	26
27	0				139			382	640	85	121	0	27
28	0							445	644	85	121	0	28
29	0							454	646	94	340	0	29
30	0							457	650	99	557	0	30
31	0							455	0	100	554	0	31
MEAN													MEAN
MAX.	265				630			457	650	615	557	554	MAX.
MIN.	0				139			329	0	85	88	0	MIN.
AC. FT.	700				24359			22540	22354	17512	8218	12917	AC. FT.

Total Acre-Feet 108600

TABLE B-37a

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	No deliveries for 1972								0				1
2									0				2
3									0				3
4									0				4
5									0				5
6									0				6
7									124				7
8									240				8
9									240				9
10									247				10
11									250				11
12	N	N	N	N	N	N	N	N	207	N	N	N	12
13	O	O	O	O	O	O	O	O	152	O	O	O	13
14									125				14
15									100				15
16	F	F	F	F	F	F	F	F	100	F	F	F	16
17	L	L	L	L	L	L	L	L	50	L	L	L	17
18	O	O	O	O	O	O	O	O	0	O	O	O	18
19	W	W	W	W	W	W	W	W	0	W	W	W	19
20									0				20
21									0				21
22									0				22
23									0				23
24									0				24
25									0				25
26									0				26
27									0				27
28									0				28
29									0				29
30									0				30
31									C				31
MEAN									250				MEAN
MAX.									0				MAX.
MIN.									3630				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3630

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	204	0	187	0	100			1
2					0	0	0	188	0	0			2
3					0	0	0	186	0	0			3
4					0	0	0	186	0	0			4
5					0	0	0	186	0	0			5
6					0	0	0	185	0	0			6
7					0	0	0	185	0	0			7
8					0	0	0	185	0	0			8
9					27	0	0	93	0	0			9
10					82	0	0	0	0	0			10
11					0	0	0	0	0	0			11
12	N	N	N	N	0	0	26	0	0	0	N	N	12
13	O	O	O	O	0	0	52	0	0	0	O	O	13
14					0	0	52	0	0	0			14
15					0	0	52	0	0	0			15
16	F	F	F	F	0	0	52	0	0	0	F	F	16
17	L	L	L	L	0	0	72	0	0	0	L	L	17
18	O	O	O	O	0	0	92	0	0	0	O	O	18
19	W	W	W	W	0	0	93	0	0	0	W	W	19
20					0	0	93	0	0	0			20
21					28	0	101	0	0	0			21
22					50	0	109	0	0	0			22
23					122	0	110	0	0	0			23
24					227	0	120	0	0	0			24
25					250	0	146	0	100	0			25
26					250	0	162	0	200	0			26
27					250	0	162	0	200	0			27
28					250	0	172	0	200	0			28
29						0	187	0	200	0			29
30						0	187	0	198	0			30
31						0		0		0			31
MEAN					250	204	187	188	200	100			MEAN
MAX.					0	0	0	0	0	0			MAX.
MIN.					3047	405	4046	3136	2178	198			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 13010

TABLE B-37a (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	0	122	0		0			1
2	*USBR reported deliveries in Acre Feet.				0	0	0	0		0			2
3					0	0	0	0		0			3
4					0	0	0	0		0			4
5					47	0	0	0		0			5
6					102	0	0	0		0			6
7					102	0	0	112		0			7
8					98	0	0	180		0			8
9					97	0	0	233		0			9
10					96	0	0	265		0			10
11					96	0	0	264		0			11
12	N	N	N	N	96	0	0	265	N	0	N	N	12
13	O	O	O	O	112	0	0	185	O	0	O	O	13
14					126	0	67	32		0			14
15					126	0	100	0		0			15
16	P	P	P	P	126	66	108	0	P	0	P	P	16
17	L	L	L	L	126	100	111	0	L	0	L	L	17
18	O	O	O	O	126	100	111	0	O	0	O	O	18
19	W	W	W	W	117	179	137	0	W	0	W	W	19
20					99	225	62	0		0			20
21					49	225	111	0		0			21
22					0	226	120	0		0			22
23					0	225	120	0		0			23
24					0	225	120	0		0			24
25					0	236	120	0		0			25
26					0	245	120	0		0			26
27					0	245	120	0		151*			27
28					0	70	120	0		290*			28
29						0	120	0		218*			29
30						0	120	0		71*			30
31						0		0		0			31
MEAN													MEAN
MAX.					126	245	137	265		290*			MAX.
MIN.					0	0	0	0		0*			MIN.
AC. FT.					3453	4695	3985	3047		730*			AC. FT.

Total Acre-Feet 15910

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0	1012					1
2							0	1012					2
3							0	1008					3
4							0	1004					4
5							0	1008					5
6							0	1011					6
7							0	1008					7
8							0	1011					8
9							0	1008					9
10							0	1004					10
11							0	1004					11
12	N	N	N	N	N	N	0	960	N	N	N	N	12
13	O	O	O	O	O	O	0	912	O	O	O	O	13
14							0	229					14
15							0	0					15
16	P	P	P	P	P	P	0	0	P	P	P	P	16
17	L	L	L	L	L	L	0	294	L	L	L	L	17
18	O	O	O	O	O	O	135	585	O	O	O	O	18
19	W	W	W	W	W	W	202	587	W	W	W	W	19
20							202	587					20
21							518	190					21
22							694	190					22
23							698	190					23
24							698	190					24
25							700	0					25
26							887	0					26
27							887	0					27
28							889	0					28
29							948	0					29
30							1008	0					30
31								0					31
MEAN													MEAN
MAX.							1008	1012					MAX.
MIN.							0	0					MIN.
AC. FT.							8466	16004					AC. FT.

Total Acre-Feet 24470

TABLE B-37b

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	No deliveries for 1972				33				0				1
2					50				47				2
3					133				101				3
4					175				101				4
5					175				101				5
6					175				101				6
7					146				129				7
8					146				152				8
9					167				152				9
10					176				152				10
11					176				152				11
12	N	N	N	N	176	N	N	N	152	N	N	N	12
13	O	O	O	O	175	O	O	O	152	O	O	O	13
14					174				152				14
15					174				152				15
16	F	F	F	F	88	F	F	F	152	F	F	F	16
17	L	L	L	L	0	L	L	L	76	L	L	L	17
18	O	O	O	O	0	O	O	O	0	O	O	O	18
19					0				0				19
20					0				0				20
21					0				0				21
22					0				0				22
23					0				0				23
24					0				0				24
25					0				0				25
26					0				0				26
27					0				0				27
28					0				0				28
29									0				29
30									0				30
31									0				31
MEAN					176				152				MEAN
MAX.					0				0				MAX.
MIN.					4639				4015				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 8654

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	21	0	383	0				1
2					0	0	0	395	0				2
3					0	0	0	395	0				3
4					0	0	0	395	0				4
5					0	0	0	395	0				5
6					0	0	0	352	0				6
7					0	0	0	325	0				7
8					0	0	0	324	0				8
9					26	0	0	163	0				9
10					76	0	0	0	0				10
11					0	0	0	0	0				11
12	N	N	N	N	0	0	25	0	0	N	N	N	12
13	O	O	O	O	0	0	75	0	0	O	O	O	13
14					0	0	101	0	0				14
15					0	0	101	0	0				15
16	F	F	F	F	0	0	126	0	93	F	F	F	16
17	L	L	L	L	0	0	170	0	202	L	L	L	17
18	O	O	O	O	0	0	190	0	202	O	O	O	18
19					0	0	220	0	202				19
20					0	0	250	0	118				20
21					38	0	260	0	0				21
22					76	0	270	0	0				22
23					151	0	290	0	0				23
24					245	0	329	0	0				24
25					275	0	360	0	0				25
26					275	0	371	0	0				26
27					275	0	371	0	0				27
28					37	0	371	0	0				28
29						0	371	0	0				29
30						0	371	0	0				30
31						0		0					31
MEAN					275	21	371	395	202				MEAN
MAX.					0	0	0	0	0				MAX.
MIN.					2924	42	9168	6202	1621				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 19957

TABLE B-37b (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	*USER reported deliveries in Acre-Feet.				0	0	48	0	0	224 *	0		1
2					0	0	0	0	0	0	0		2
3					0	0	0	0	0	0	0		3
4					0	0	0	0	0	0	0		4
5					93	0	0	187	0	0	0		5
6					202	0	0	300	0	0	0		6
7					202	0	0	300	0	0	0		7
8					189	0	0	300	0	0	0		8
9					175	0	0	503	0	0	99		9
10					175	0	0	625	0	0	300*		10
11					175	0	0	625	0	0	300*		11
12	N	N	N	N	175	0	0	625	0	0	300*	N	12
13	O	O	O	O	187	0	27	496	0	0	151*	O	13
14					199	0	40	162	0	0	0		14
15					199	0	40	0	0	0	75*		15
16	F	F	F	F	199	30	40	0	30	0	400*	P	16
17	L	L	L	L	199	50	40	0	65	0	696*	L	17
18	O	O	O	O	199	50	88	0	65	0	696*	O	18
19	W	W	W	W	199	62	110	0	137	0	696*	W	19
20					199	74	110	0	226	0	545*		20
21					199	74	110	0	226	0	395*		21
22					199	74	110	0	226	0	395*		22
23					199	74	110	0	226	0	395*		23
24					199	74	110	0	226	0	395*		24
25					68	84	110	0	226	0	395*		25
26					0	95	110	0	226	0	395*		26
27					0	95	110	0	226	0	254*		27
28					0	27	110	0	226	0	196*		28
29						0	110	0	226	0	196*		29
30						0	110	0	226	0	123*		30
31						0		0		0	0		31
MEAN													MEAN
MAX.					202	95	110	625	226	224*	696*		MAX.
MIN.					0	0	0	0	0	0	0		MIN.
AC. FT.					7597	1712	3259	8178	5520	224	7397*		AC. FT.

Total Acre-Feet 33887

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Daily Values are reported in acre feet.						0	1091					1
2							0	1091					2
3							0	1091					3
4							0	1091					4
5							0	1091					5
6							0	1091					6
7							0	1091					7
8							0	1091					8
9							0	1091					9
10							0	1091					10
11							0	1091					11
12	N	N	N	N	N	N	0	1041	N	N	N	N	12
13	O	O	O	O	O	O	0	890	O	O	O	O	13
14							0	692					14
15							0	401					15
16	F	F	F	F	F	F	0	401	F	F	F	F	16
17	L	L	L	L	L	L	0	65	L	L	L	L	17
18	O	O	O	O	O	O	0	401	O	O	O	O	18
19	W	W	W	W	W	W	0	401	W	W	W	W	19
20							0	401					20
21							661	200					21
22							990	0					22
23							990	0					23
24							990	0					24
25							1057	0					25
26							1091	0					26
27							1091	0					27
28							1091	0					28
29							1091	0					29
30							1091	0					30
31							1091	0					31
MEAN													MEAN
MAX.							1091	1091					MAX.
MIN.							0	0					MIN.
AC. FT.							10143	16894					AC. FT.

Total Acre-Feet 27037

CENTRAL VALLEY PROJECT DELIVERIES TO
KAWEAH DELTA WATER CONSERVATION DISTRICT

Point of diversion - to Tulare Irrigation District Canal -- south side Friant-Kern Canal north of the southeast corner of Section 34, Township 17 South, Range 26 East, M.D.B. & M.
To St. Johns River -- north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner Section 1, Township 18 South, Range 26 East.
To Kaweah River -- north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner Section 12, Township 18 South, Range 26 East.

Table B-38 At St. Johns River
B-38a At Lower Kaweah River
B-38b At Friant Kern Canal
B-38c Through Lakeside Headgate

TABLE B-38

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		CENTRAL VALLEY WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					75								1
2					110								2
3					112								3
4					112								4
5					145								5
6					168								6
7					175								7
8					175								8
9					175								9
10					174								10
11					174								11
12	N	N	N	N	174	N	N	N	N	N	N	N	12
13	O	O	O	O	161	O	O	O	O	O	O	O	13
14					150								14
15					149								15
16	F	F	F	F	137	F	F	F	F	F	F	F	16
17	L	L	L	L	125	L	L	L	L	L	L	L	17
18	O	O	O	O	125	O	O	O	O	O	O	O	18
19	W	W	W	W	125	W	W	W	W	W	W	W	19
20					75								20
21					25								21
22					16								22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN					175								MEAN
MAX.					0								MAX.
MIN.					5667								MIN.
AC. FT.													AC. FT.

Total Acre-Feet 5667

TABLE B-38 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		CENTRAL VALLEY PROJECT TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	129							1
2					0	18							2
3					0	0							3
4					0	0							4
5					67	0							5
6					102	0							6
7					102	0							7
8					102	0							8
9					100	0							9
10					80	0							10
11					0	0							11
12	N	N	N	N	0	126	N	N	N	N	N	N	12
13	O	O	O	O	0	250	O	O	O	O	O	O	13
14					0	250							14
15					0	188							15
16	F	F	F	F	0	62	F	F	F	F	F	F	16
17	L	L	L	L	0	0	L	L	L	L	L	L	17
18	O	O	O	O	0	0	O	O	O	O	O	O	18
19	W	W	W	W	0	0	W	W	W	W	W	W	19
20					0	0							20
21					28	0							21
22					84	0							22
23					100	0							23
24					100	0							24
25					100	0							25
26					100	0							26
27					100	0							27
28					100	0							28
29						0							29
30						0							30
31						0							31
MEAN					102	250							MEAN
MAX.					0	0							MAX.
MIN.					2509	2029							MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4538

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	*USBR reported deliveries in Acre Feet.					0	0	430	0				1
2						0	0	438	0				2
3						0	0	443	0				3
4						0	0	443	0				4
5						0	0	445	0				5
6						0	0	445	0				6
7						0	0	335	0				7
8						0	0	266	0				8
9						0	0	212	0				9
10						0	11	180	0				10
11						0	211	180	0				11
12	N	N	N	N	N	0	211	180	0	N	N	N	12
13	O	O	O	O	O	0	211	180	0	O	O	O	13
14						0	210	215	105*				14
15						0	210	247	145*				15
16	F	F	F	F	F	0	260	200	0	F	F	F	16
17	L	L	L	L	L	0	287	121	0	L	L	L	17
18	O	O	O	O	O	0	289	96	0	O	O	O	18
19	W	W	W	W	W	0	287	97	0	W	W	W	19
20						0	286	97	0				20
21						0	285	97	0				21
22						0	287	104	0				22
23						0	287	111	0				23
24						0	287	110	0				24
25						0	299	110	0				25
26						0	304	110	0				26
27						0	307	110	0				27
28						175	341	62	0				28
29						245	354	0	0				29
30						245	323	0	0				30
31						245		0					31
MEAN						245	354	445	145*				MEAN
MAX.						0	0	0	0*				MAX.
MIN.						1805	11002	12028	250				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 25085

TABLE B-38 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		CENTRAL VALLEY WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	Daily values reported in acre feet.										1
2		0											2
3		0											3
4		0											4
5		0											5
6		0											6
7		0											7
8		0											8
9		0											9
10		0											10
11		0											11
12	N	0	N	N	N	N	N	N	N	N	N	N	12
13	O	0	O	O	O	O	O	O	O	O	O	O	13
14		0											14
15		0											15
16	F	0	F	F	F	F	F	F	F	F	F	F	16
17	L	0	L	L	L	L	L	L	L	L	L	L	17
18	O	0	O	O	O	O	O	O	O	O	O	O	18
19	W	0	W	W	W	W	W	W	W	W	W	W	19
20		0											20
21		0											21
22		143											22
23		103											23
24		40											24
25		81											25
26		57											26
27		16											27
28		10											28
29		10											29
30		10											30
31													31
MEAN													MEAN
MAX.		143											MAX.
MIN.		0											MIN.
AC. FT.		470											AC. FT.

Total Acre-Feet 470

TABLE B-38a

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					83								1
2					125								2
3					42								3
4					0								4
5					0								5
6					18								6
7					35								7
8					35								8
9					35								9
10					35								10
11					35								11
12	N	N	N	N	45	N	N	N	N	N	N	N	12
13	O	O	O	O	37	O	O	O	O	O	O	O	13
14					25								14
15					25								15
16	F	F	F	F	99	F	F	F	F	F	F	F	16
17	L	L	L	L	175	L	L	L	L	L	L	L	17
18	O	O	O	O	175	O	O	O	O	O	O	O	18
19	W	W	W	W	175	W	W	W	W	W	W	W	19
20					100								20
21					25								21
22					15								22
23					0								23
24					0								24
25					0								25
26					0								26
27					0								27
28					0								28
29													29
30													30
31													31
MEAN													MEAN
MAX.					175								MAX.
MIN.					0								MIN.
AC. FT.					2656								AC. FT.

Total Acre-Feet 2656

TABLE B-38a (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	129							1
2					0	18							2
3					0	0							3
4					0	0							4
5					67	0							5
6					101	0							6
7					101	0							7
8					101	0							8
9					100	0							9
10					77	0							10
11					0	0							11
12	N	N	N	N	0	126	N	N	N	N	N	N	12
13	O	O	O	O	0	250	O	O	O	O	O	O	13
14					0	250							14
15					0	188							15
16	F	F	F	F	0	62	F	F	F	F	F	F	16
17	L	L	L	L	0	0	L	L	L	L	L	L	17
18	O	O	O	O	0	0	O	O	O	O	O	O	18
19	W	W	W	W	0	0	W	W	W	W	W	W	19
20					0	0							20
21					75	0							21
22					150	0							22
23					150	0							23
24					150	0							24
25					150	0							25
26					150	0							26
27					150	0							27
28					146	0							28
29						0							29
30						0							30
31						0							31
MEAN													MEAN
MAX.					150	250							MAX.
MIN.					0	0							MIN.
AC. FT.					3308	2029							AC. FT.

Total Acre-Feet 5337

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	*USBR reported deliveries in Acre Feet.					0	0	565	0				1
2						0	0	585	0				2
3						0	0	595	0				3
4						0	0	595	0				4
5						0	0	408	0				5
6						0	0	295	0				6
7						0	0	315	0				7
8						0	0	325	0				8
9						0	0	122	0				9
10						0	30	0	0				10
11						0	399	0	0				11
12	N	N	N	N	N	0	420	0	50*	N	N	N	12
13	O	O	O	O	O	0	425	0	99*	O	O	O	13
14						0	426	162	153*				14
15						0	465	324	226*				15
16	F	F	F	F	F	0	446	279	169*	F	F	F	16
17	L	L	L	L	L	0	456	151	97*	L	L	L	17
18	O	O	O	O	O	0	455	75	54*	O	O	O	18
19	W	W	W	W	W	0	455	75	0	W	W	W	19
20						0	455	75	0				20
21						0	455	75	0				21
22						0	455	80	0				22
23						0	455	84	0				23
24						0	455	84	0				24
25						0	455	84	0				25
26						0	455	84	0				26
27						0	455	84	0				27
28						66	455	42	0				28
29						95	455	0	0				29
30						95	455	0	0				30
31						95	455	0	0				31
MEAN													MEAN
MAX.						95	465	595	226*				MAX.
MIN.						0	0	0	0				MIN.
AC. FT.						696	17816	11034	848*				AC. FT.

Total Acre-Feet 30394

TABLE B-38a (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

TABLE B-38d (Cont'd)													
WATER YEAR		STATION NO.		STATION NAME									
1975				CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT LOWER KAWEAH RIVER									
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	* Reported in acre feet										1
2		0											2
3		0											3
4		0											4
5		0											5
6		0											6
7		0											7
8		0											8
9		0											9
10		0											10
11		0											11
12	N	0	N	N	N	N	N	N	N	N	N	N	12
13	O	0	O	O	O	O	O	O	O	O	O	O	13
14		0											14
15		0											15
16	F	0	F	F	F	F	F	F	F	F	F	F	16
17	L	0	L	L	L	L	L	L	L	L	L	L	17
18	O	0	O	O	O	O	O	O	O	O	O	O	18
19	W	0	W	W	W	W	W	W	W	W	W	W	19
20		0											20
21		0											21
22		* 36											22
23		0											23
24		0											24
25		0											25
26		0											26
27		0											27
28		0											28
29		0											29
30		0											30
31		0											31
MEAN													MEAN
MAX.		36											MAX.
MIN.		0											MIN.
AC. FT.		36											AC. FT.

Total Acre-Feet 36

TABLE 38b

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME										
1974			CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT PRIANT-KERN CANAL										

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1								0					1
2								0					2
3								0					3
4								0					4
5								0					5
6								0					6
7								0					7
8								0					8
9								0					9
10								0					10
11								0					11
12	N	N	N	N	N	N	N	0	N	N	N	N	12
13	O	O	O	O	O	O	O	0	O	O	O	O	13
14								0					14
15								0					15
16	F	F	F	F	F	F	F	0	F	F	F	F	16
17	L	L	L	L	L	L	L	0	L	L	L	L	17
18	O	O	O	O	O	O	O	0	O	O	O	O	18
19	W	W	W	W	W	W	W	0	W	W	W	W	19
20								0					20
21								175					31
22								175					22
23								175					22
24								175					24
25								175					25
26								175					24
27								175					27
28								175					38
29								95					29
30								0					30
31													31
MEAN								175					MEAN
MAX.								0					MAX.
MIN.								2965					MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2965

TABLE B-38c

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		CENTRAL VALLEY PROJECT WATER THROUGH LAKESIDE HEADGATE TO KAWEAH DELTA WATER CONSERVATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					25								2
3					25								3
4					25								4
5					25								5
6					25								6
7					25								7
8					25								8
9					25								9
10					25								10
11					25								11
12	N	N	N	N	25	N	N	N	N	N	N	N	12
13	O	O	O	O	25	O	O	O	O	O	O	O	13
14					25								14
15					25								15
16	F	F	F	F	25	F	F	F	F	F	F	F	16
17	L	L	L	L	25	L	L	L	L	L	L	L	17
18	O	O	O	O	25	O	O	O	O	O	O	O	18
19	W	W	W	W	25	W	W	W	W	W	W	W	19
20					25								20
21					0								21
22					0								22
23					0								23
24					0								24
25					0								25
26					0								26
27					0								27
28					0								28
29					0								29
30					0								30
31					0								31
MEAN					25								MEAN
MAX.					0								MAX.
MIN.					0								MIN.
AC. FT.					942								AC. FT.

Total Acre-Feet 942

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		CENTRAL VALLEY PROJECT WATER THROUGH LAKESIDE HEADGATE TO KAWEAH DELTA WATER CONSERVATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	50		0					1
2					0	129		53					2
3					0	18		46					3
4					0	0		13					4
5					0	0		0					5
6					0	0		18					6
7					0	0		10					7
8					0	0		9					8
9					37	0		14					9
10					48	0		0					10
11					34	0		0					11
12	N	N	N	N	0	0	N	0	N	N	N	N	12
13	O	O	O	O	0	0	O	0	O	O	O	O	13
14					0	0		0					14
15					0	0		0					15
16	F	F	F	F	0	0	F	0	F	F	F	F	16
17	L	L	L	L	0	0	L	0	L	L	L	L	17
18	O	O	O	O	0	0	O	0	O	O	O	O	18
19	W	W	W	W	0	0	W	0	W	W	W	W	19
20					0	0		0					20
21					0	0		0					21
22					28	0		0					22
23					54	0		0					23
24					51	0		0					24
25					63	0		0					25
26					62	0		0					26
27					50	0		0					27
28					51	0		0					28
29					0	0		0					29
30					0	0		0					30
31					0	0		0					31
MEAN					63	129		53					MEAN
MAX.					0	0		0					MAX.
MIN.					0	0		0					MIN.
AC. FT.					948	391		323					AC. FT.

Total Acre feet 1662

TABLE B-38c (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		CENTRAL VALLEY PROJECT WATER THROUGH LAKESIDE HEADGATE TO KAWEAH DELTA WATER CONSERVATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	0	86	161					1
2					0	0	41	167					2
3					0	0	1	169					3
4					0	0	5	173					4
5					0	0	0	169					5
6					0	0	0	167					6
7					0	0	0	154					7
8					0	0	0	143					8
9					0	0	0	143					9
10					0	0	0	146					10
11					0	0	0	154					11
12	N	N	N	N	8	0	62	154	N	N	N	N	12
13	O	O	O	O	13	0	46	151	O	O	O	O	13
14					7	0	43	152					14
15					4	0	85	158					15
16	F	F	F	F	5	0	112	153	F	F	F	F	16
17	L	L	L	L	1	8	141	149	L	L	L	L	17
18	O	O	O	O	0	62	177	75	O	O	O	O	18
19	W	W	W	W	1	99	206	0	W	W	W	W	19
20					0	114	196	0					20
21					0	151	169	0					21
22					0	118	193	0					22
23					0	97	187	0					23
24					0	98	168	0					24
25					0	95	158	0					25
26					0	99	147	0					26
27					0	110	153	0					27
28					0	112	185	0					28
29						120	200	0					29
30						85	159	0					30
31								0					31
MEAN					13	151	206	173					MEAN
MAX.					0	0	0	0					MAX.
MIN.					77	2916	5792	5431					MIN.
AC. FT.													AC. FT.

Total Acre-Feet 14216

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		CENTRAL VALLEY PROJECT THROUGH LAKESIDE HEADGATE TO KAWEAH DELTA WATER CONSERVATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0	173					1
2							0	172					2
3							0	161					3
4							0	162					4
5							0	148					5
6							0	145					6
7							0	115					7
8							0	110					8
9							0	113					9
10							0	124					10
11							0	133					11
12	N	N	N	N	N	N	0	173	N	N	N	N	12
13	O	O	O	O	O	O	0	138	O	O	O	O	13
14							0	107					14
15							0	45					15
16	F	F	F	F	F	F	0	0	F	F	F	F	16
17	L	L	L	L	L	L	0	0	L	L	L	L	17
18	O	O	O	O	O	O	0	0	O	O	O	O	18
19	W	W	W	W	W	W	0	0	W	W	W	W	19
20							0	0					20
21							0	0					21
22							0	0					22
23							103	0					23
24							124	0					24
25							143	0					25
26							177	0					26
27							195	0					27
28							189	0					28
29							186	0					29
30							177	0					30
31								0					31
MEAN							195	173					MEAN
MAX.							0	0					MAX.
MIN.							2566	4004					MIN.
AC. FT.													AC. FT.

Total Acre-Feet 6570

CENTRAL VALLEY PROJECT DELIVERIES TO
LAKESIDE IRRIGATION WATER DISTRICT

Point of diversion - to Tulare Irrigation District Canal -- south side Friant-Kern Canal north of the southeast corner of Section 34, Township 17 South, Range 26 East, M.D.B. & M.

To St. Johns River -- north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner Section 1, Township 18 South, Range 26 East.

To Kaweah River -- north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner Section 12, Township 18 South, Range 26 East.

Table B-39 At St. Johns River
B-39a At Lower Kaweah River
B-39b Through Lakeside Headgate

TABLE B-39

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		CENTRAL VALLEY PROJECT WATER TO LAKESIDE IRRIGATION WATER DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					100								1
2					150								2
3					150								3
4					150								4
5					150								5
6					150								6
7					150								7
8					150								8
9					163								9
10					180								10
11					180								11
12	N	N	N	N	180	N	N	N	N	N	N	N	12
13	O	O	O	O	180	O	O	O	O	O	O	O	13
14					198								14
15					215								15
16	F	F	F	F	215	F	F	P	F	F	F	F	16
17	L	L	L	L	215	L	L	L	L	L	L	L	17
18	O	O	O	O	215	O	O	O	O	O	O	O	18
19	W	W	W	W	215	W	W	W	W	W	W	W	19
20					52								20
21					0								21
22					0								22
23					0								23
24					0								24
25					0								25
26					0								26
27					0								27
28					0								28
29													29
30													30
31													31
MEAN					215								MEAN
MAX.					0								MAX.
MIN.					6661								MIN.
AC. FT.													AC. FT.

Total Acre-Feet 6661

TABLE B-39 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		CENTRAL VALLEY PROJECT WATER TO LAKESIDE IRRIGATION WATER DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					0								2
3					0								3
4					67								4
5					100								5
6					100								6
7					100								7
8					100								8
9					100								9
10					80								10
11					0								11
12	N	N	N	N	0	N	N	N	N	N	N	N	12
13	O	O	O	O	0	O	O	O	O	O	O	O	13
14					0								14
15					0								15
16	F	F	F	F	0	F	F	F	F	F	F	F	16
17	L	L	L	L	0	L	L	L	L	L	L	L	17
18	O	O	O	O	0	O	O	O	O	O	O	O	18
19	W	W	W	W	0	W	W	W	W	W	W	W	19
20					0								20
21					55								21
22					100								22
23					100								23
24					100								24
25					132								25
26					150								26
27					150								27
28					150								28
29													29
30													30
31													31
MEAN					150								MEAN
MAX.					0								MAX.
MIN.					2944								MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2944

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		CENTRAL VALLEY PROJECT WATER TO LAKESIDE IRRIGATION WATER DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	0	88						1
2					0	0	52						2
3					0	0	0						3
4					0	0	0						4
5					0	0	0						5
6					0	0	0						6
7					0	0	0						7
8					100	0	0						8
9					150	0	0						9
10					150	0	0						10
11					150	0	0						11
12	N	N	N	N	150	0	0	N	N	N	N	N	12
13	O	O	O	O	167	0	0	O	O	O	O	O	13
14					175	0	0						14
15					175	0	0						15
16	F	F	F	F	175	0	0	F	F	F	F	F	16
17	L	L	L	L	175	0	0	L	L	L	L	L	17
18	O	O	O	O	175	0	0	O	O	O	O	O	18
19	W	W	W	W	116	0	0	W	W	W	W	W	19
20					0	12	0						20
21					0	39	0						21
22					0	50	0						22
23					0	50	0						23
24					0	50	0						24
25					0	50	0						25
26					0	50	0						26
27					0	50	0						27
28					0	50	0						28
29						50	0						29
30						50	0						30
31						50							31
MEAN					175	50	88						MEAN
MAX.					0	0	0						MAX.
MIN.					3695	1093	278						MIN.
AC. FT.													AC. FT.

Total Acre-Feet 5056

TABLE B-39a

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		CENTRAL VALLEY PROJECT WATER TO LAKESIDE IRRIGATION WATER DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0						1
2							65						2
3							0						3
4							0						4
5							0						5
6							0						6
7							0						7
8							0						8
9							0						9
10							0						10
11							0						11
12	N	N	N	N	N	N	0	N	N	N	N	N	12
13	O	O	O	O	O	O	0	O	O	O	O	O	13
14							0						14
15							0						15
16	F	F	F	F	F	F	0	F	F	F	F	F	16
17	L	L	L	L	L	L	0	L	L	L	L	L	17
18	O	O	O	O	O	O	0	O	O	O	O	O	18
19							0						19
20							0						20
21							0						21
22							0						22
23							0						23
24							0						24
25							0						25
26							0						26
27							0						27
28							0						28
29							0						29
30							0						30
31							0						31
MEAN							65						MEAN
MAX.							0						MAX.
MIN.							129						MIN.
AC. FT.													AC. FT.

Total Acre-Feet 129

TABLE 39b

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		CENTRAL VALLEY PROJECT WATER THROUGH LAKESIDE HEADGATE TO LAKESIDE IRRIGATION WATER DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					16								2
3					141								3
4					136								4
5					125								5
6					142								6
7					140								7
8					138								8
9					138								9
10					151								10
11					165								11
12	N	N	N	N	164	N	N	N	N	N	N	N	12
13	O	O	O	O	164	O	O	O	O	O	O	O	13
14					166								14
15					183								15
16	F	F	F	F	187	F	F	F	F	F	F	F	16
17	L	L	L	L	192	L	L	L	L	L	L	L	17
18	O	O	O	O	194	O	O	O	O	O	O	O	18
19					202								19
20					214								20
21					0								21
22					0								22
23					0								23
24					0								24
25					0								25
26					0								26
27					0								27
28					0								28
29					0								29
30													30
31													31
MEAN					214								MEAN
MAX.					0								MAX.
MIN.					5867								MIN.
AC. FT.													AC. FT.

Total Acre-Feet 5867

TABLE B-39b (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

TABLE B-39b (Cont'd)					WATER YEAR	STATION NO.	STATION NAME						
DAILY MEAN DISCHARGE					1973		CENTRAL VALLEY PROJECT WATER THROUGH LAKESIDE HEADGATE TO LAKESIDE IRRIGATION WATER DISTRICT						
(IN CUBIC FEET PER SECOND)													
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	150							1
2					0	0							2
3					0	0							3
4					0	0							4
5					0	0							5
6					0	0							6
7					28	0							7
8					85	0							8
9					100	0							9
10					100	0							10
11					80	0							11
12	N	N	N	N	0	0	N	N	N	N	N	N	12
13	O	O	O	O	0	0	O	O	O	O	O	O	13
14					0	0							14
15					0	0							15
16	F	F	F	F	0	0	F	F	F	F	F	F	16
17	L	L	L	L	0	0	L	L	L	L	L	L	17
18	O	O	O	O	0	0	O	O	O	O	O	O	18
19	W	W	W	W	0	0	W	W	W	W	W	W	19
20					0	0							20
21					0	0							21
22					55	0							22
23					100	0							23
24					100	0							24
25					100	0							25
26					132	0							26
27					150	0							27
28					150	0							28
29						0							29
30						0							30
31						0							31
MEAN					150	150							MEAN
MAX.					0	0							MAX.
MIN.					2341	298							MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2639

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

				WATER YEAR	STATION NO.	STATION NAME							
				1974		CENTRAL VALLEY PROJECT WATER THROUGH LAKESIDE HEADGATE TO LAKESIDE IRRIGATION WATER DISTRICT							
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	0	50						1
2					0	0	88						2
3					0	0	52						3
4					0	0	0						4
5					0	0	0						5
6					0	0	0						6
7					0	0	0						7
8					0	0	0						8
9					82	0	0						9
10					125	0	0						10
11					147	0	0						11
12	N	N	N	N	150	0	0	N	N	N	N	N	12
13	O	O	O	O	150	0	0	O	O	O	O	O	13
14					167	0	0						14
15					175	0	0						15
16	F	F	F	F	175	0	0	F	F	F	F	F	16
17	L	L	L	L	175	0	0	L	L	L	L	L	17
18	O	O	O	O	175	0	0	O	O	O	O	O	18
19	W	W	W	W	175	0	0	W	W	W	W	W	19
20					77	0	0						20
21					0	12	0						21
22					0	39	0						22
23					0	50	0						23
24					0	50	0						24
25					0	50	0						25
26					0	50	0						26
27					0	50	0						27
28					0	50	0						28
29						50	0						29
30						50	0						30
31						50							31
MEAN													MEAN
MAX.					175	50	88						MAX.
MIN.					0	0	0						MIN.
AC. FT.					3517	994	377						AC. FT.

Total Acre-Feet 4888

CENTRAL VALLEY PROJECT DELIVERIES TO
KINGS COUNTY WATER DISTRICT

Point of diversion - to Tulare Irrigation District Canal -- south side Friant-Kern Canal north of the southeast corner of Section 34, Township 17 South, Range 26 East, M.D.B. & M.

To St. Johns River -- north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner Section 1, Township 18 South, Range 26 East.

To Kaweah River -- north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner Section 12, Township 18 South, Range 26 East.

Table B-40 At. St. Johns River
B-40a At Lower Kaweah River
B-40b Through Lakeside Headgate

TABLE B-40

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					0								2
3					0								3
4					0								4
5					0								5
6					0								6
7					0								7
8					0								8
9					0								9
10					0								10
11					0								11
12	N	N	N	N	0	N	N	N	N	N	N	N	12
13	O	O	O	O	0	O	O	O	O	O	O	O	13
14					0								14
15					0								15
16	F	F	F	F	0	F	F	F	F	F	F	F	16
17	L	L	L	L	0	L	L	L	L	L	L	L	17
18	O	O	O	O	0	O	O	O	O	O	O	O	18
19	W	W	W	W	0	W	W	W	W	W	W	W	19
20					215								20
21					317								21
22					316								22
23					315								23
24					316								24
25					197								25
26					0								26
27					0								27
28					0								28
29					0								29
30													30
31													31
MEAN													MEAN
MAX.					317								MAX.
MIN.					0								MIN.
AC. FT.					3328								AC. FT.

Total Acre-Feet 3328

TABLE B-40 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1								0					1
2								0					2
3								0					3
4								0					4
5								0					5
6								0					6
7								0					7
8								0					8
9								100					9
10								250					10
11								300					11
12	N	N	N	N	N	N	N	300	N	N	N	N	12
13	O	O	O	O	O	O	O	300	O	O	O	O	13
14								300					14
15								300					15
16	F	F	F	F	F	F	F	250	F	F	F	F	16
17	L	L	L	L	L	L	L	200	L	L	L	L	17
18	O	O	O	O	O	O	O	200	O	O	O	O	18
19	W	W	W	W	W	W	W	200	W	W	W	W	19
20								200					20
21								200					21
22								200					22
23								200					23
24								200					24
25								100					25
26								0					26
27								0					27
28								0					28
29								0					29
30								0					30
31								0					31
MEAN								300					MEAN
MAX.								0					MAX.
MIN.								7537					MIN.
AC. FT.													AC. FT.

Total Acre-Feet 7537

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0	0	0				1
2							0	0	0				2
3							0	0	0				3
4							96	0	0				4
5							176	0	0				5
6							150	0	0				6
7							150	0	0				7
8							150	0	0				8
9							151	0	0				9
10							171	0	0				10
11							0	0	0				11
12	N	N	N	N	N	N	0	0	46*	N	N	N	12
13	O	O	O	O	O	O	0	0	89*	O	O	O	13
14							0	0	99*				14
15							0	0	99*				15
16	F	F	F	F	F	F	0	0	99*	F	F	F	16
17	L	L	L	L	L	L	0	0	99*	L	L	L	17
18	O	O	O	O	O	O	0	0	99*	O	O	O	18
19	W	W	W	W	W	W	0	0	99*	W	W	W	19
20							0	0	99*				20
21							0	0	54*				21
22							0	0	0				22
23							0	0	0				23
24							0	0	0				24
25							0	70	0				25
26							0	152	0				26
27							0	152	0				27
28							0	152	0				28
29							0	86	0				29
30							0	0	0				30
31							0	0	0				31
MEAN							176	152	99				MEAN
MAX.							0	0	0				MAX.
MIN.							2071	1214	882				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4167

TABLE B-40 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1								0					1
2	Daily values reported in acre feet.							0					2
3								0					3
4								0					4
5								0					5
6								0					6
7								0					7
8								0					8
9								0					9
10								0					10
11								0					11
12	N	N	N	N	N	N	N	0	N	N	N	N	12
13	O	O	O	O	O	O	O	0	O	O	O	O	13
14								292					14
15								589					15
16								589					16
17	F	F	F	F	F	F	F	294	F	F	F	F	17
18	L	L	L	L	L	L	L	0	L	L	L	L	18
19	O	O	O	O	O	O	O	0	O	O	O	O	19
20	W	W	W	W	W	W	W	0	W	W	W	W	20
21								0					21
22								0					22
23								0					23
24								0					24
25								0					25
26								0					26
27								0					27
28								0					28
29								0					29
30								0					30
31								0					31
MEAN								589					MEAN
MAX.								0					MAX.
MIN.								1764					MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1764

TABLE B-40a

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0						1
2							9						2
3							126						3
4							251						4
5							399						5
6							399						6
7							399						7
8							399						8
9							399						9
10							367						10
11							0						11
12	N	N	N	N	N	N	0	N	N	N	N	N	12
13	O	O	O	O	O	O	0	O	O	O	O	O	13
14							0						14
15							0						15
16							0						16
17	F	F	F	F	F	F	0	F	F	F	F	F	17
18	L	L	L	L	L	L	0	L	L	L	L	L	18
19	O	O	O	O	O	O	0	O	O	O	O	O	19
20	W	W	W	W	W	W	0	W	W	W	W	W	20
21							0						21
22							0						22
23							0						23
24							0						24
25							0						25
26							0						26
27							0						27
28							0						28
29							0						29
30							0						30
31							0						31
MEAN							399						MEAN
MAX.							0						MAX.
MIN.							5451						MIN.
AC. FT.													AC. FT.

Total Acre-Feet 5451

TABLE B-40a (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1975		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	*Reported in acre feet												1
2								0					2
3								0					3
4								0					4
5								0					5
6								0					6
7								0					7
8								0					8
9								0					9
10								0					10
11								0					11
12	N	N	N	N	N	N	N	0	N	N	N	N	12
13	O	O	O	O	O	O	O	0	O	O	O	O	13
14								0					14
15								0					15
16	F	F	F	F	F	F	F	0	F	F	F	F	16
17	L	L	L	L	L	L	L	*272	L	L	L	L	17
18	O	O	O	O	O	O	O	0	O	O	O	O	18
19	W	W	W	W	W	W	W	0	W	W	W	W	19
20								0					20
21								0					21
22								0					22
23								0					23
24								0					24
25								0					25
26								0					26
27								0					27
28								0					28
29								0					29
30								0					30
31								0					31
MEAN								272					MEAN
MAX.								0					MAX.
MIN.								272					MIN.
AC. FT.													AC. FT.

Total Acre-Feet 272

TABLE B-40b

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		CENTRAL VALLEY PROJECT WATER THROUGH LAKESIDE HEADGATE TO KINGS COUNTY WATER DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					0								2
3					0								3
4					0								4
5					0								5
6					0								6
7					0								7
8					0								8
9					0								9
10					0								10
11					0								11
12	N	N	N	N	0	N	N	N	N	N	N	N	12
13	O	O	O	O	0	O	O	O	O	O	O	O	13
14					C								14
15					O								15
16	F	F	F	F	0	F	F	F	F	F	F	F	16
17	L	L	L	L	0	L	L	L	L	L	L	L	17
18	O	O	O	O	0	O	O	O	O	O	O	O	18
19	W	W	W	W	0	W	W	W	W	W	W	W	19
20					0								20
21					232								21
22					233								22
23					225								23
24					225								24
25					220								25
26					103								26
27					0								27
28					0								28
29													29
30													30
31													31
MEAN					233								MEAN
MAX.					0								MAX.
MIN.					2456								MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2456

TABLE B-40b (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1973		CENTRAL VALLEY PROJECT WATER THROUGH LAKESIDE HEADGATE TO KINGS COUNTY WATER DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1								0	0				1
2								0	39				2
3								0	73				3
4								0	97				4
5								0	88				5
6								0	0				6
7								0	0				7
8								0	0				8
9								0	0				9
10								173	0				10
11								175	0				11
12	N	N	N	N	N	N	N	177	0	N	N	N	12
13	O	O	O	O	O	O	O	178	0	O	O	O	13
14								184	0				14
15								173	0				15
16	F	F	F	F	F	F	F	170	0	F	F	F	16
17	L	L	L	L	L	L	L	172	0	L	L	L	17
18	O	O	O	O	O	O	O	176	0	O	O	O	18
19	W	W	W	W	W	W	W	174	0	W	W	W	19
20								181	0				20
21								185	0				21
22								185	0				22
23								185	0				23
24								185	0				24
25								185	0				25
26								185	0				26
27								100	0				27
28								0	0				28
29								0	0				29
30								0	0				30
31								0	0				31
MEAN								185	97				MEAN
MAX.								0	0				MAX.
MIN.								6234	589				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 6823

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1974		CENTRAL VALLEY PROJECT WATER THROUGH LAKESIDE HEADGATE TO KINGS COUNTY WATER DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0	0	0	0			1
2							0	0	00	0			2
3							0	0	00	0			3
4							0	0	0	0			4
5							0	0	0	0			5
6							0	0	0	0			6
7							0	0	0	0			7
8							15	0	0	0			8
9							46	0	0	0			9
10							51	0	0	0			10
11							85	0	0	0			11
12	N	N	N	N	N	N	0	0	0	0	N	N	12
13	O	O	O	O	O	O	0	0	23	0	O	O	13
14							0	0	45	0			14
15							0	0	50	0			15
16	F	F	F	F	F	F	0	0	50	0	F	F	16
17	L	L	L	L	L	L	0	0	50	0	L	L	17
18	O	O	O	O	O	O	0	0	50	0	O	O	18
19	W	W	W	W	W	W	0	0	50	0	W	W	19
20							0	0	50	0			20
21							0	0	50	0			21
22							0	0	27	0			22
23							0	0	0	0			23
24							0	0	0	0			24
25							0	70	0	0			25
26							0	152	0	0			26
27							0	152	0	0			27
28							0	152	0	76			28
29							0	86	0	146			29
30							0	0	0	110			30
31							0	0	0	36			31
MEAN							85	152	50	146			MEAN
MAX.							0	0	0	0			MAX.
MIN.							391	1214	883	730			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3218

TABLE B-40b (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

TABLE B-40b (Cont'd)													
WATER YEAR		STATION NO.		STATION NAME									
1975				CENTRAL VALLEY PROJECT WATER THROUGH LAKESIDE HEADGATE TO KINGS COUNTY WATER DISTRICT									
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1								0					1
2								0					2
3								0					3
4								0					4
5								0					5
6								0					6
7								0					7
8								0					8
9								0					9
10								0					10
11								0					11
12	N	N	N	N	N	N	N	0	N	N	N	N	12
13	O	O	O	O	O	O	O	0	O	O	O	O	13
14								0					14
15								44					15
16	F	F	F	F	F	F	F	88	F	F	F	F	16
17	L	L	L	L	L	L	L	93	L	L	L	L	17
18	O	O	O	O	O	O	O	89	O	O	O	O	18
19	W	W	W	W	W	W	W	100	W	W	W	W	19
20								91					20
21								112					21
22								104					22
23								70					23
24								70					24
25								42					25
26								0					26
27								0					27
28								0					28
29								0					29
30								0					30
31								0					31
MEAN								112					MEAN
MAX.								0					MAX.
MIN.													MIN.
AC. FT.								1701					AC. FT.

Total Acre-Feet 1791

TABLE B-41

CENTRAL VALLEY PROJECT DELIVERIES TO
CORCORAN IRRIGATION DISTRICT THROUGH HIGHLINE CANALPoint of diversion - to Tulare Irrigation District Canal -- south side Friant-Kern Canal

north of the southeast corner of Section 34, Township 17 South, Range 26 East, M.D.B. & M.

To St. Johns River -- north side St. Johns River, west side Friant-Kern Canal, northeast of
west 1/4 corner Section 1, Township 18 South, Range 26 East.To Kaweah River -- north side Lower Kaweah River, west side Friant-Kern Canal, northwest of
southeast corner Section 12, Township 18 South, Range 26 East.**DAILY MEAN DISCHARGE**
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971		CENTRAL VALLEY PROJECT WATER TO CORCORAN IRRIGATION DISTRICT THROUGH HIGHLINE CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					0								2
3					0								3
4					13								4
5					20								5
6					20								6
7					27								7
8					27								8
9					26								9
10					31								10
11					29								11
12	N	N	N	N	27	N	N	N	N	N	N	N	12
13	O	O	O	O	25	O	O	O	O	O	O	O	13
14					26								14
15					28								15
16	F	F	F	F	29	F	F	F	F	F	F	F	16
17	L	L	L	L	25	L	L	L	L	L	L	L	17
18	O	O	O	O	24	O	O	O	O	O	O	O	18
19	W	W	W	W	17	W	W	W	W	W	W	W	19
20													20
21					0								21
22					0								22
23					0								23
24					0								24
25					0								25
26					0								26
27					0								27
28					0								28
29													29
30													30
31													31
MEAN													MEAN
MAX.					31								MAX.
MIN.					0								MIN.
AC. FT.					801								AC. FT.

Total Acre-Feet 801

APPENDIX C
STORAGE OPERATIONS

INTRODUCTION

This appendix presents data on daily storage in Terminus Reservoir for the Kaweah Delta Water Conservation District, irrigation districts, and the various ditch companies within the Kaweah River service area for the period October 1, 1970 to September 30, 1975.

Data presented in this appendix consist of daily in-storage, out-storage, evaporation, release adjustments, and adjusted storage in acre-feet for various entities within the service area.

Also shown are recreation storage for Tulare County and operation pool storage.

HAWKEYE DUTCH

HAWKEYE DUTCH

QUANTITIES IN ACRE FEET

[illegible]

TABLE C-1 (Cont'd)

HAWKEYE DITCH

WATER YEAR 1972, 1973

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
MARCH 1972																						
1	1.4		0.017		41.150	1.4		0.030		83.712	1.4		0.041		124.878	1.4		0.083		166.165	1	
2	1.4		0.018		42.532	1.4		0.030		85.082	1.4		0.047		126.231	1.4		0.067		167.498	2	
3	1.4		0.020		43.923	1.4		0.049		86.433	1.4		0.039		127.592	1.4		0.067		168.831	3	
4	1.4		0.019		45.304	1.4		0.039		87.794	1.4		0.058		128.934	1.4		0.078		170.153	4	
5	1.4		0.019		46.685	1.4		0.019		89.175	1.4		0.057		130.277	1.4		0.124		171.429	5	
6	1.4		0.020		48.065	1.4		0.038		90.537	1.4		0.050		131.627	1.4		0.085		172.744	6	
7	1.4		0.020		49.445	1.4		0.038		91.899	1.4		0.055		132.972	1.4		0.081		174.063	7	
8	1.4		0.021		50.824	1.4		0.038		93.261	1.4		0.058		134.324	1.4		0.098		175.365	8	
9	1.4		0.021		52.203	1.4		0.037		94.624	1.4		0.054		135.670	1.4		0.064		176.701	9	
10	1.4		0.021		53.582	1.4		0.037		95.987	1.4		0.071		136.999	1.4		0.048		178.053	10	
11	1.4		0.022		54.960	1.4		0.030		97.387	1.4		0.083		138.316	1.4		0.085		179.368	11	
12	1.4		0.022		56.338	1.4		0.027		98.760	1.4		0.093		139.623	1.4		0.111		180.657	12	
13	1.4		0.023		57.715	1.4		0.026		100.134	1.4		0.098		140.925	1.4		0.115		181.942	13	
14	1.4		0.023		59.092	1.4		0.018		101.516	1.4		0.091		142.244	1.4		0.104		183.238	14	
15	1.4		0.023		60.469	1.4		0.017		102.899	1.4		0.095		143.544	1.4		0.106		184.532	15	
16	1.4		0.035		61.834	1.4		0.017		104.282	1.4		0.078		144.866	1.4		0.123		185.809	16	
17	1.4		0.036		63.198	1.4		0.017		105.665	1.4		0.045		146.221	1.4		0.126		187.083	17	
18	1.4		0.036		64.574	1.4		0.017		107.048	1.4		0.067		147.554	1.4		0.123		188.360	18	
19	1.4		0.036		65.938	1.4		0.017		108.431	1.4		0.022		148.932	1.4		0.127		189.633	19	
20	1.4		0.036		67.302	1.4		0.025		109.806	1.4		0.034		150.298	1.4		0.124		190.909	20	
21	1.4		0.036		68.666	1.4		0.025		111.181	1.4		0.051		151.647	1.4		0.129		192.180	21	
22	1.4		0.024		70.042	1.4		0.024		112.567	1.4		0.062		152.985	1.4		0.133		193.447	22	
23	1.4		0.023		71.419	1.4		0.032		113.925	1.4		0.073		154.312	1.4		0.112		194.735	23	
24	1.4		0.023		72.796	1.4		0.023		115.302	1.4		0.062		155.650	1.4		0.098		196.037	24	
25	1.4		0.044		74.152	1.4		0.023		116.679	1.4		0.079		156.791	1.4		0.138		197.299	25	
26	1.4		0.033		75.519	1.4		0.030		118.049	1.4		0.078		158.293	1.4		0.144		198.555	26	
27	1.4		0.032		76.887	1.4		0.037		119.412	1.4		0.084		159.609	1.4		0.149		199.806	27	
28	1.4		0.042		78.245	1.4		0.029		120.783	1.4		0.089		160.920	1.4		0.201		201.000	28	
29	1.4		0.031		79.614	1.4		0.029		122.154	1.4		0.089		162.231	1.4		0.205		202.197	29	
30	1.4		0.041		80.973	1.4		0.035		123.519	1.4		0.094		163.537	1.5		0.213		203.484	30	
31	1.4		0.031		83.342	1.4		0.035		123.519	1.4		0.089		164.848	1.4						31
TOTAL	43.4		0.825			42.0		0.823			43.4		2.071			42.1		3.464			TOTAL	
JULY 1972																						
1	1.6		0.175		204.909	1.4		0.305		245.221	1.6		0.340		278.483	1.4		0.221		323.162	1	
2	1.6		0.182		206.327	1.4		0.284		246.228	1.7		0.342		279.841	1.8		0.223		324.739	2	
3	1.6		0.203		207.754	1.4		0.284		247.344	1.8		0.276		281.365	1.8		0.224		326.315	3	
4	1.6		0.198		209.126	1.4		0.337		248.407	1.8		0.139		283.026	1.8		0.150		327.965	4	
5	1.6		0.193		210.533	1.4		0.350		249.457	1.8		0.280		284.546	1.8		0.226		329.539	5	
6	1.6		0.173		211.960	1.4		0.318		250.539	1.8		0.273		286.073	1.8		0.378		330.961	6	
7	1.6		0.181		213.379	1.4		0.330		251.609	1.8		0.338		287.535	1.8		0.304		332.457	7	
8	1.6		0.158		214.821	1.4		0.322		252.687	1.8		0.403		288.932	1.8		0.229		334.028	8	
9	1.6		0.196		216.225	1.4		0.358		253.729	1.8		0.333		290.399	1.8		0.154		335.674	9	
10	1.6		0.175		217.650	1.4		0.321		254.808	1.8		0.266		291.933	1.8		0.232		337.242	10	
11	1.6		0.226		219.024	1.4		0.328		255.880	1.8		0.266		293.467	1.8		0.233		338.809	11	
12	1.6		0.237		220.387	1.4		0.335		256.945	1.8		0.267		295.000	1.8		0.234		340.375	12	
13	1.6		0.264		221.723	1.4		0.345		258.003	1.8		0.334		296.466	1.8		0.314		341.861	13	
14	1.6		0.274		223.049	1.4		0.288		259.115	1.8		0.268		297.998	1.8		0.236		343.425	14	
15	1.6		0.242		224.407	1.4		0.233		260.282	1.8		0.404		299.394	1.8		0.238		344.987	15	
16	1.6		0.251		225.756	1.4		0.295		261.387	1.8		0.378		300.816	1.8		0.159		346.628	16	
17	1.6		0.216		227.140	1.4		0.298		262.588	1.8		0.272		302.344	1.8		0.24		348.188	17	
18	1.6		0.203		228.537	1.4		0.301		263.588	1.8		0.274		303.870	1.8		0.160		349.828	18	
19	1.6		0.187		229.950	1.4		0.305		264.683	1.8		0.277		305.393	1.8		0		350.0	19	
20	1.6		0.171		231.379	1.4		0.308		265.775	1.8		0.278		306.915	1.8		0.001		3.427	20	
21	1.5		0.203		232.676	1.4		0.374		266.801	1.8		0.419		308.296	1.8		0.001		5.226	21	
22	1.4		0.212		233.864	1.4		0.378		267.823	1.8		0.351		309.745	1.8		0.003		7.023	22	
23	1.4		0.232		235.032	1.4		0.383		268.840	1.8		0.283		311.262	1.8		0.004		8.819	23	
24	1.4		0.259		236.177	1.4		0.387		269.853	1.8		0.285		312.777	1.8		0.005		10.614	24	
25	1.4		0.272		237.301	1.4		0.391		270.862	1.8		0.287		314.290	1.8		0.008		12.406	25	
26	1.4		0.254		238.447	1.4		0.395		271.867	1.8		0.360		315.730	1.8		0.006		14.200	26	
27	1.4		0.295		239.552	1.4		0.399		272.868	1.8		0.217		317.113	1.8		0.007		15.993	27	
28	1.4		0.305		240.647	1.4		0.401		273.867	1.8		0.293		318.822	1.8		0.008		17.785	28	
29	1.4		0.174		241.873	1.4		0.402		274.865	1.8		0.219		320.403	1.8		0.008		19.577	29	
30	1.4		0.251		243.022	1.5		0.404		275.961	1.8		0.220		321.983	1.8		0.014		21.363	30	
31	1.4		0.296		244.126	1.6		0.338		277.223	1.8							0.015		23.148	31	
TOTAL	47.5		6.858			43.7		10.603			53.7		8.940			55.4	350.0	4.235			TOTAL	
JULY 1972																						
1	1.8		0.021		24.927	1.1				1.100	1.8		0.020		54.807	1.6		0.016		102.693	1	
2	1.8		0.017		26.710	1.8				2.900	1.8		0.023		56.584	1.6		0.031		104.262	2	
3	1.8		0.018		28.492	1.8		0.001		4.699	1.6		0.021		58.363	1.6		0.033		105.829	3	
4	1.8		0.006		30.286	1.8		0.001		6.498	1.6		0.023		59.940	1.6		0.034		107.395	4	
5	1.8		0.013</																			

TABLE C-1 (Cont'd)

HAWKEYE DITCH

WATER YEAR 1973 - 1974

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
JULY 1973						AUGUST 1973						SEPTEMBER 1973						OCTOBER 1973						DAY
1	1.6		0.061		149.371	1.6	0.102		196.481	1.6	0.272		240.377	1.6		0.251		280.982	1					
2	1.6		0.064		150.907	1.6	0.123		197.958	1.6	0.231		241.746	1.6		0.252		280.330	2					
3	1.6		0.065		152.442	1.6	0.115		199.443	1.6	0.236		243.110	1.6		0.253		283.677	3					
4	1.6		0.069		153.973	1.6	0.144		200.899	1.6	0.201		244.509	1.6		0.253		285.028	4					
5	1.6		0.055		155.518	1.6	0.088		202.411	1.6	0.206		245.903	1.6		0.253		286.370	5					
6	1.6		0.059		157.059	1.6	0.128		203.883	1.6	0.211		247.292	1.6		0.127		287.843	6					
7	1.6		0.064		158.595	1.6	0.136		205.347	1.6	0.216		248.676	1.6		0.000		289.443	7					
8	1.6		0.068		160.127	1.6	0.135		206.812	1.6	0.266		250.010	1.6		0.062		290.981	8					
9	1.6		0.072		161.655	1.6	0.134		208.278	1.6	0.273		251.337	1.6		0.187		292.364	9					
10	1.6		0.074		163.181	1.6	0.147		209.731	1.6	0.233		252.704	1.6		0.180		293.814	10					
11	1.6		0.068		164.713	1.6	0.168		211.163	1.6	0.239		254.065	1.6		0.179		295.235	11					
12	1.6		0.068		166.246	1.6	0.169		212.594	1.6	0.294		255.371	1.6		0.177		296.658	12					
13	1.6		0.070		167.775	1.6	0.169		214.025	1.6	0.251		256.720	1.8		0.234		298.424	13					
14	1.6		0.075		169.300	1.6	0.207		215.418	1.6	0.256		258.064	1.8		0.290		299.934	14					
15	1.6		0.074		170.826	1.6	0.179		216.839	1.6	0.262		259.402	1.8		0.230		301.504	15					
16	1.6		0.057		172.369	1.6	0.206		218.233	1.6	0.269		260.733	1.8		0.171		303.133	16					
17	1.6		0.065		173.904	1.6	0.242		219.591	1.6	0.221		262.112	1.8		0.284		304.649	17					
18	1.6		0.069		175.435	1.6	0.223		220.968	1.6	0.263		263.449	1.8		0.283		306.166	18					
19	1.6		0.078		176.957	1.6	0.245		222.323	1.6	0.233		264.816	1.8		0.283		307.684	19					
20	1.6		0.063		178.494	1.6	0.148		223.775	1.6	0.239		266.177	1.8		0.225		309.259	20					
21	1.6		0.073		180.021	1.6	0.204		225.171	1.6	0.245		267.532	1.8		0.056		311.003	21					
22	1.6		0.080		181.541	1.6	0.198		226.573	1.6	0.186		268.946	1.8		0.170		312.533	22					
23	1.6		0.094		183.047	1.6	0.198		227.983	1.6	0.185		270.361	1.8		0.170		314.067	23					
24	1.6		0.095		184.552	1.6	0.194		229.389	1.6	0.185		271.776	1.8		0.109		315.958	24					
25	1.6		0.105		186.047	1.6	0.199		230.790	1.6	0.248		273.128	1.8		0.108		317.650	25					
26	1.6		0.118		187.529	1.6	0.203		232.187	1.6	0.310		274.418	1.8		0.108		319.342	26					
27	1.6		0.119		189.010	1.6	0.171		233.616	1.6	0.311		275.707	1.8		0.161		320.981	27					
28	1.6		0.111		190.499	1.6	0.244		234.972	1.6	0.249		277.058	1.8		0.107		322.674	28					
29	1.6		0.112		191.987	1.6	0.248		236.324	1.6	0.312		278.346	1.8		0.106		324.368	29					
30	1.6		0.096		193.491	1.6	0.253		237.671	1.6	0.313		279.633	1.8		0.159		326.009	30					
31	1.6		0.108		194.983	1.6	0.222		239.049	1.6				1.8		0.211		327.598	31					
TOTAL	49.6		2.449			49.6	5.534			48.0	7.416			53.6		5.635			TOTAL					
NOVEMBER 1973						APRIL 1974						MAY 1974						JUNE 1974						DAY
1	1.8		0.158		329.240	1.1	0.000		1.100	1.8	0.016		54.899	1.6		0.036		106.865	1					
2	1.7		0.105		330.835	1.8	0.001		2.899	1.8	0.014		56.685	1.6		0.032		108.433	2					
3	1.6		0.105		332.330	1.8	0.001		4.698	1.8	0.015		58.470	1.7		0.037		110.096	3					
4	1.6		0.105		333.825	1.8	0.002		6.496	1.8	0.015		60.257	1.8		0.031		111.865	4					
5	1.6		0.156		335.269	1.8	0.002		8.294	1.8	0.015		62.042	1.8		0.033		113.632	5					
6	1.6		0.156		336.713	1.8	0.002		10.092	1.8	0.017		63.825	1.8		0.036		115.396	6					
7	1.6		0.155		338.158	1.8	0.002		11.890	1.8	0.019		65.606	1.8		0.040		117.156	7					
8	1.6		0.155		339.603	1.8	0.001		13.686	1.8	0.021		67.385	1.8		0.048		118.910	8					
9						1.8	0.001		15.485	1.8	0.020		69.165	1.8		0.053		120.657	9					
10						1.8	0.003		17.282	1.8	0.019		70.946	1.8		0.049		122.408	10					
11						1.8	0.005		19.077	1.8	0.020		72.726	1.8		0.045		124.163	11					
12						1.8	0.005		20.872	1.8	0.021		74.505	1.8		0.045		125.918	12					
13						1.8	0.006		22.666	1.8	0.019		76.286	1.8		0.043		127.675	13					
14						1.8	0.009		24.457	1.8	0.019		78.067	1.8		0.042		129.433	14					
15						1.8	0.008		26.249	1.8	0.022		79.845	1.8		0.042		131.191	15					
16						1.8	0.008		28.041	1.8	0.019		81.626	1.8		0.043		132.948	16					
17						1.8	0.008		29.833	1.7	0.019		83.407	1.8		0.037		134.711	17					
18						1.8	0.006		31.627	1.6	0.015		85.189	1.8		0.039		136.472	18					
19						1.8	0.004		33.423	1.6	0.014		86.978	1.8		0.038		138.234	19					
20						1.8	0.008		35.215	1.6	0.021		88.767	1.8		0.043		139.991	20					
21						1.8	0.009		37.006	1.6	0.025		89.632	1.8		0.051		141.740	21					
22						1.8	0.009		38.797	1.6	0.028		91.238	1.8		0.052		143.488	22					
23						1.8	0.005		40.590	1.6	0.027		92.777	1.8		0.053		145.235	23					
24						1.8	0.005		42.385	1.6	0.029		94.348	1.8		0.055		146.980	24					
25						1.8	0.006		44.179	1.6	0.034		95.914	1.8		0.054		148.726	25					
26						1.8	0.009		45.970	1.6	0.040		97.474	1.8		0.057		150.469	26					
27						1.8	0.010		47.760	1.6	0.037		99.037	1.8		0.056		152.213	27					
28						1.8	0.012		49.548	1.6	0.034		100.603	1.8		0.071		153.942	28					
29						1.8	0.015		51.333	1.6	0.032		102.171	1.8		0.070		155.672	29					
30						1.8	0.018		53.115	1.6	0.038		103.739	1.8		0.067		157.405	30					
31						1.8			54.900	1.6	0.032		105.301	1.8					159.138	31				
TOTAL	13.1		1.095			53.3	0.185			52.9	0.714			53.5		1.396			TOTAL					
JULY 1974						AUGUST 1974						SEPTEMBER 1974						FOOTNOTES						DAY
1	1.8		0.064		159.141	1.8	0.189		211.672	1.8	0.309		260.251					a Transferred to Tulare Irrigation District.	1					
2	1.8		0.069		160.872	1.8	0.188		213.284	1.8	0.326		261.725						2					
3	1.8		0.065		162.607	1.8	0.168		214.919	1.8	0.292		263.226						3					
4	1.8		0.083		164.329	1.8	0.150		216.569	1.8	0.323		264.703					b Released for diversion in Crocker Cut.	4					
5	1.8				166.046	1.8	0.173		218.196	1.8	0.411		266.092						5					
6	1.8		0.072		167.774	1.8	0.174		219.823	1.8	0.376		267.516						6					
7	1.8		0.069		169.506	1.8	0.217		221.405	1.8	0.398		268.918					c Released because Terminus storage above allowable.	7					
8	1.8		0.071		171.234	1.8	0.199		223.006	1.8	0.336		270.382						8					
9	1.8		0.061		172.973	1.8	0.214		224.592	1.8	0.338		271.844					d Transferred to Tulare County.	9					
10	1.8		0.060		174.713	1.8	0.190		2															

TABLE C-1 (Cont'd)

HAWKEYE DITCH

WATER YEAR 1974, 1975

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
DAY	OCTOBER 1974					NOVEMBER 1974					DECEMBER 1974					JANUARY 1975					DAY
1	1.8		0.552		303.659	1.8		0.009		40.052	2.0		0.014		96.825	2.0		0.000		158.327	1
2	1.8		0.155		305.304	1.8		0.017		41.835	2.0		0.015		98.810	1.9		0.024		160.203	2
3	1.8		0.234		306.870	1.8		0.009		43.626	2.0		0.070		100.780	1.8		0.024		161.979	3
4	1.8		0.156		308.518	1.8		0.019		45.407	2.0		0.014		102.766	1.8		0.024		163.755	4
5	1.8		0.236		310.078	1.8		0.010		47.197	2.0		0.015		104.751	1.8		0.024		165.531	5
6	1.8		0.236		311.642	1.8		0.020		48.977	2.0		0.015		106.736	1.8		0.000		167.331	6
7	1.8		0.158		313.284	1.8		0.020		50.757	2.0		0.000		108.736	1.8		0.000		169.131	7
8	1.8		0.158		314.926	1.8		0.020		52.537	2.0		0.016		110.720	1.8		0.000		170.931	8
9	1.8		0.001		1.799	1.8		0.010		54.327	2.0		0.016		112.704	1.8		0.000		172.731	9
10	1.8		0.003		3.596	1.8		0.021		56.106	2.0		0.017		114.687	1.9		0.025		174.606	10
11	1.5		0.005		5.991	1.8		0.022		57.884	2.0		0.017		116.670	2.0		0.025		176.581	11
12	1.4		0.006		6.485	1.8		0.022		59.662	2.0		0.017		118.653	2.0		0.026		178.555	12
13	1.4		0.008		7.877	1.8		0.023		61.439	2.0		0.000		120.633	2.0		0.026		180.529	13
14	1.4		0.009		9.268	1.8		0.023		63.216	2.0		0.018		122.613	2.0		0.027		182.502	14
15	1.4		0.013		10.655	1.9		0.012		65.104	2.0		0.018		124.597	2.0		0.027		184.475	15
16	1.4		0.015		12.040	2.0		0.012		67.092	2.0		0.018		126.579	2.0		0.000		186.475	16
17	1.4		0.013		13.427	2.0		0.012		69.080	2.0		0.019		128.560	2.0		0.028		188.447	17
18	1.6		0.015		15.012	2.0		0.013		71.068	2.0		0.019		130.541	2.0		0.029		190.418	18
19	1.8		0.017		16.795	2.0		0.013		73.055	2.0		0.019		132.522	2.0		0.029		192.389	19
20	1.8		0.018		18.577	2.0		0.026		75.029	2.0		0.020		134.502	2.0		0.029		194.360	20
21	1.8		0.015		20.362	2.0		0.013		77.016	2.0		0.000		136.522	2.0		0.000		196.360	21
22	1.8		0.012		22.146	2.0		0.013		79.003	2.0		0.000		138.502	2.0		0.000		198.360	22
23	1.8		0.018		23.928	2.0		0.013		80.990	2.0		0.021		140.501	2.0		0.030		200.300	23
24	1.8		0.013		25.715	2.0		0.026		82.964	2.0		0.021		142.480	2.0		0.031		202.269	24
25	1.8		0.014		27.501	2.0		0.013		84.951	2.0		0.021		144.459	2.0		0.063		204.206	25
26	1.8		0.007		29.294	2.0		0.027		86.924	2.0		0.043		146.416	2.0		0.064		206.142	26
27	1.8		0.015		31.079	2.0		0.014		88.810	2.0		0.022		148.394	2.0		0.032		208.110	27
28	1.8		0.008		32.871	2.0		0.014		90.796	2.0		0.022		150.372	2.0		0.066		210.044	28
29	1.8		0.000		34.671	2.0		0.028		92.868	2.0		0.022		152.350	2.0		0.067		211.977	29
30	1.8		0.005		36.466	2.0		0.029		94.839	2.0		0.000		154.350	2.0		0.034		213.943	30
31	1.8		0.005		38.261	2.0					2.0		0.003		156.327	2.0		0.069		215.874	31
TOTAL	52.9	314.93	2.124			57.1		0.522			62.0		0.512			60.4		0.853			TOTAL
DAY	FEBRUARY 1975					MARCH 1975					APRIL 1975					MAY 1975					DAY
1	2.0		0.070		217.804						2.0		0.010		47.058	2.0		0.038		106.473	1
2	2.0		0.035		219.769						2.0		0.014		49.044	2.0		0.034		108.439	2
3	2.0		0.000		220.769						2.0		0.011		51.033	2.0		0.033		110.406	3
4	2.0		0.000		223.769						2.0		0.011		53.022	2.0		0.029		112.377	4
5	2.0		0.035		225.734						2.0		0.004		55.018	2.0		0.033		114.344	5
6	2.0		0.000		e227.734						2.0		0.007		57.011	2.0		0.037		116.307	6
7											2.0		0.011		59.000	2.0		0.041		118.266	7
8											2.0		0.004		60.996	2.0		0.041		120.225	8
9											2.0		0.004		62.992	2.0		0.043		122.182	9
10											2.0		0.003		64.969	2.0		0.043		124.139	10
11											2.0		0.019		66.950	2.0		0.034		126.105	11
12											2.0		0.023		68.927	2.0		0.048		128.057	12
13											2.0		0.020		70.907	2.0		0.053		130.004	13
14											2.0		0.008		72.892	2.0		0.050		131.954	14
15											2.0		0.012		74.887	2.0		0.036		133.918	15
16											2.0		0.012		76.875	2.0		0.041		135.877	16
17											2.0		0.016		78.859	2.0		0.046		137.831	17
18											2.0		0.023		80.846	2.0		0.050		139.781	18
19											2.0		0.028		82.808	2.0		0.054		141.727	19
20											2.0		0.020		84.788	2.0		0.033		143.694	20
21											2.0		0.025		86.763	2.0		0.039		145.655	21
22											2.0		0.025		88.738	2.0		0.045		147.610	22
23											2.0		0.025		90.713	2.0		0.053		149.557	23
24											2.0		0.025		92.688	2.0		0.053		151.504	24
25											2.0		0.029		94.659	2.0		0.054		153.450	25
26											2.0		0.021		96.638	2.0		0.056		155.394	26
27											2.0		0.029		98.609	2.0		0.058		157.336	27
28											2.0		0.030		100.579	2.0		0.060		159.276	28
29											2.0		0.034		102.545	2.0		0.067		161.209	29
30											2.0		0.034		104.511	1.9		0.065		163.144	30
31											2.0					1.8		0.052		164.792	31
TOTAL	12.0		0.140			45.2		0.132			60.0		0.557			61.7		1.419			TOTAL
DAY	JUNE 1975					JULY 1975					AUGUST 1975					SEPTEMBER 1975					DAY
1	1.8		0.060		166.532	1.9		0.063		218.665	2.0		0.195		277.029	2.0		0.195		179.213	1
2	1.8		0.048		168.284	2.0		0.071		220.594	2.0		0.205		278.824	2.0		0.202		181.011	2
3	1.8		0.052		170.032	2.0		0.069		222.525	2.0		0.196		280.628	2.0		0.253		182.758	3
4	1.8		0.064		171.768	2.0		0.074		224.451	2.0		0.238		282.390	2.0		0.257		184.501	4
5	1.8		0.059		173.509	2.0		0.079		226.372	2.0		0.219		284.171	2.0		0.259		186.242	5
6	1.8		0.059		175.250	2.0		0.090		228.282	2.0		0.174		285.997	2.0		0.261		187.981	6
7	1.8		0.057		176.993	2.0		0.082		230.200	2.0		0.172		287.825	2.0		0.220		189.761	7
8	1.8		0.062		178.731	2.0		0.091		232.109	2.0		0.235		289.590	2.0		0.134		191.527	8
9	1.8		0.069		180.462	2.0		0.081		234.068	2.0		0.198		291.392	2.0		0.180		193.247	9
10	1.8		0.074		182.188	2.0		0.104</													

TABLE C-2

HAMILTON DITCH COMPANY

WATER YEAR 1971, 1972

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
MARCH 1971																					
1						9.9		0.016		41.710	13.9		0.153		422.976	9.2		0.207		810.120	1
2						9.9		0.025		51.585	13.9		0.135		436.741	9.9		0.222		819.797	2
3						9.9		0.022		61.461	13.9		0.039		450.602	9.9		0.240		829.457	3
4						9.9		0.040		71.323	13.9		0.059		464.443	9.9		0.255		839.102	4
5						9.9		0.043		81.180	13.9		0.079		478.264	9.9		0.205		848.697	5
6						9.9		0.027		91.053	17.6		0.039		495.825	9.9		0.269		858.328	6
7						9.9		0.019		100.934	16.1		0		511.925	9.9		0.294		867.974	7
8						9.9		0.030		110.804	13.9		0.099		525.726	7.4		0.330		875.004	8
9						9.9		0.052		120.662	13.9		0.153		539.467	6.0		0.245		880.759	9
10						14.9		0.056		135.506	13.9		0.159		552.208	6.0		0.226		886.513	10
11						17.8		0.049		152.257	13.9		0.199		566.909	6.0		0.304		892.229	11
12						15.4		0.062		168.594	13.9		0.198		580.611	6.0		0.332		897.897	12
13	6.2		0.002		6.197	13.9		0.039		182.455	13.9		0.197		594.314	6.0		0.335		901.582	13
14	2.7		0.002		9.895	13.9		0.027		196.288	13.9		0.117		608.087	6.0		0.328		909.264	14
15	0		0.002		9.892	13.9		0.070		210.158	13.9		0.172		621.824	6.0		0.404		914.850	15
16			0.005		9.888	13.9		0.101		223.957	13.9		0.177		635.547	6.0		0.386		920.464	16
17			0.004		9.884	13.9		0.085		237.842	13.9		0.281		649.841	6.0		0.402		926.062	17
18			0.004		9.880	13.9		0.093		251.697	13.9		0.281		662.841	6.0		0.388		931.674	18
19			0.004		9.876	13.9		0.032		265.504	13.9		0.282		676.499	6.0		0.347		937.321	19
20			0.004		9.872	13.9		0.065		279.372	13.9		0.296		690.102	6.0		0.377		942.954	20
21			0.004		9.868	13.9		0.100		293.207	13.9		0.185		703.818	6.0		0.420		948.574	21
22			0.002		9.866	13.9		0.136		307.007	13.9		0.259		717.459	6.0		0.432		954.102	22
23			0.002		9.864	13.9		0.070		320.771	13.9		0.202		731.156	6.0		0.388		959.714	23
24			0.002		9.862	13.9		0.124		334.601	13.9		0.249		744.707	6.0		0.376		965.238	24
25			0.002		9.860	13.9		0.126		348.377	12.2		0.291		754.616	6.0		0.365		970.972	25
26			0.002		9.857	11.2		0.110		359.651	7.9		0.108		762.408	6.0		0.405		976.568	26
27			0.002		9.854	11.2		0.148		370.741	7.9		0.208		770.290	6.0		0.360		982.208	27
28	0		0.002		9.851	11.9		0.110		382.493	7.9		0.157		778.053	6.0		0.397		987.811	28
29	2.7		0.006		13.546	13.1		0.131		395.466	7.9		0.105		785.808	3.4		0.421		990.786	29
30	8.4		0.009		21.929	13.9		0.133		409.229	7.9		0.260		793.468	2.0		0.476		992.350	30
31	9.9		0.013		31.826						7.9		0.241		801.127						31
TOTAL	21.9		0.074			279.4		1.997			397.1		5.202			201.4		10.177			TOTAL
APRIL 1971																					
MAY 1971																					
JUNE 1971																					
JULY 1971																					
1	2.0		0.455		997.895	9.2		0.764		836.488	9.9		0.557		588.770	9.9		0.094		126.558	1
2	1.9		0.459		995.236	9.9		0.739		825.809	9.9		0.457		588.401	9.9		0.085		116.568	2
3	1.9		0.481		996.755	9.9		0.715		815.194	9.9		0.563		527.940	8.7		0.080		107.788	3
4	0.7		0.494		996.961	9.9		0.644		804.650	9.9		0.662		517.178	13.7		0.116		93.972	4
5	0		0.550		996.411	7.4		0.667		796.582	9.9		0.667		506.811	11.4		0.102		82.470	5
6	0	1.2	0.542		994.668	7.2		0.691		788.692	9.9		0.192		496.719	9.9		0.072		72.898	6
7	2.0		0.491		992.177	7.9		0.760		780.026	9.9		0.581		486.218	9.9		0.062		62.536	7
8	2.2		0.459		988.518	9.2		0.731		770.095	9.9		0.586		475.752	3.7		0.058		58.778	8
9	4.0		0.424		984.094	8.7		0.750		760.645	9.9		0.592		465.260	0.0		0.058		58.720	9
10	4.0		0.486		979.608	6.7		0.827		752.118	9.9		0.594		454.766	0.0		0.059		58.661	10
11	4.0		0.551		975.057	6.0		0.740		746.278	9.9		0.594		444.272	0.0		0.059		58.602	11
12	4.0		0.597		970.464	7.2		0.764		738.414	11.2		0.592		432.480	0.0		0.044		58.558	12
13	4.0		0.665		965.792	7.9		0.731		729.788	11.9		0.591		419.989	5.0		0.054		53.504	13
14	4.0		0.658		961.141	7.9		0.749		721.139	11.9		0.575		407.514	9.2		0.033		44.271	14
15	4.0		0.511		956.620	7.9		0.775		712.464	11.9		0.561		395.052	13.6		0.015		30.656	15
16	4.0		0.618		952.012	6.7		0.777		705.027	11.9		0.544		382.609	12.2		0.005		18.451	16
17	4.0		0.273		947.739	8.4		0.695		695.932	20.6		0.471		361.578	8.7		0.005		9.756	17
18	4.0		0.626		947.102	7.4		0.722		687.810	23.3		0.485		337.792	9.7		0.000		0.046	18
19	4.0		0.681		942.422	7.2		0.677		679.922	21.8		0.380		315.613	3.2		0.002		3.244	19
20	5.2		0.661		932.561	9.2		0.542		670.190	21.8		0.355		292.458	3.7		0.003		6.981	20
21	6.0		0.629		925.922	8.7		0.616		660.854	21.8		0.329		271.329	0.0		0.003		6.938	21
22	6.0		0.686		919.226	9.2		0.487		651.167	19.3		0.245		251.784	6.2		0.007		13.131	22
23	6.0		0.664		912.570	9.9		0.495		640.772	17.9		0.287		233.597	9.9		0		23.031	23
24	6.0		0.781		905.880	9.9		0.503		630.369	16.6		0.160		216.877	9.9		0.008		32.923	24
25	7.2		0.596		898.103	8.7		0.599		621.070	17.1		0.099		199.638	9.9		0.010		42.813	25
26	6.7		0.710		890.692	9.2		0.698		611.172	16.6		0.136		182.902	2.7		0.023		46.490	26
27	7.2		0.649		882.844	9.9		0.621		600.651	17.4		0.126		169.376	0.0		0.023		46.467	27
28	7.9		0.730		874.205	9.9		0.359		590.392	11.9		0.117		157.359	0.0		0.011		46.456	28
29	7.9		0.556		865.749	9.9		0.545		579.947	10.7		0.109		146.550	0.0		0.011		46.445	29
30	9.2		0.649		855.900	9.9		0.458		569.589	9.9		0.102		126.548	0.0		0.022		46.423	30
31	8.7		0.788		846.412	9.9		0.462		559.227								0.011		46.412	31
TOTAL	6.5	134.4	18.038		846.412	266.9	20.285				410.4	12.279				46.5	135.5	1.136			TOTAL
AUGUST 1971																					
SEPTEMBER 1971																					
OCTOBER 1971																					

TABLE C-2 (Cont'd)

HAMILTON DITCH COMPANY

WATER YEAR 1972, 1973

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
DAY	APRIL 1972					MAY 1972					JUNE 1972					JULY 1972					DAY	
1	13.9		0.127		350.850	4.0		0.200		607.202			0.358		713.994	13.9		0.535		626.953	1	
2	15.1		0.129		365.821	4.0		0.227		610.975			0.284		713.710	13.9		0.541		612.512	2	
3	15.9		0.127		381.504	6.4		0.190		617.185			0.281		713.429	12.6		0.584		596.328	3	
4	15.9		0.175		397.229	7.9		0.280		624.805			0.326		713.103	10.7		0.557		588.071	4	
5	15.9		0.089		413.040	7.9		0.275		632.430		1.2	0.514		711.389	9.9		0.530		577.641	5	
6	15.9		0.180		428.760	7.9		0.241		640.089		2.0	0.350		709.039	9.9		0.463		567.278	6	
7	15.9		0.183		444.477	7.9		0.268		647.721		0.5	0.328		709.211	11.2		0.472		555.606	7	
8	15.9		0.185		460.191	7.9		0.235		655.386		2.0	0.398		710.813	11.9		0.399		543.207	8	
9	15.9		0.186		475.905	7.9		0.263		663.023		0.5	0.260		712.553	13.1		0.480		529.727	9	
10	8.4		0.185		484.120	7.9		0.348		670.575			0.191		711.862	13.9		0.415		515.412	10	
11	6.2		0.000		490.320	5.4		0.403		675.572		2.0	0.337		709.525	13.9		0.521		500.991	11	
12	4.0		0.135		494.186	4.0		0.454		679.118		2.0	0.438		707.087	13.9		0.522		486.569	12	
13	4.0		0.132		498.054	4.0		0.474		682.644		3.2	0.443		703.444	13.9		0.563		472.106	13	
14	4.0		0.087		501.967	4.0		0.438		686.206		4.0	0.397		699.047	13.9		0.561		457.645	14	
15	11.4		0.086		513.281	4.0		0.433		689.773		6.4	0.398		692.249	1.0		0.495		458.150	15	
16	15.9		0.086		529.095	2.7		0.375		692.098		7.9	0.452		683.897	9.9		0.519		467.531	16	
17	8.4		0.086		541.324	2.0		0.317		693.886		7.9	0.455		680.796	9.9		0.455		479.976	17	
18	4.0		0.087		545.241	0.7		0.104		696.165		13.9	0.466		694.230	7.9		0.381		475.354	18	
19	4.0		0.124		549.117	7.9		0.157		703.908		13.9	0.459		707.671	7.9		0.338		467.073	19	
20																				458.835	20	
21	4.0		0.122		552.995	4.7		0.236		708.372		1.5	0.474		708.697	7.9		0.394		450.541	21	
22	5.2		0.120		558.075	1.0		0.286		707.086		4.7	0.484		703.513	7.9		0.400		442.241	22	
23	7.2		0.156		565.119	4.0		0.333		702.753		5.2	0.401		697.912	7.9		0.429		433.912	23	
24	7.9		0.115		572.904	2.7		0.278		699.775		6.0	0.385		691.562	7.9		0.467		425.545	24	
25	6.7		0.114		579.490	0.7		0.350		698.725		6.0	0.480		685.087	9.2		0.476		415.869	25	
26	7.2		0.150		586.540			0.345		698.380		6.0	0.490		678.597	9.9		0.431		405.538	26	
27	5.5		0.184		591.856			0.366		698.014		7.2	0.500		670.897	9.9		0.486		398.615	27	
28	4.0		0.143		595.713			0.386		697.628		7.9	0.673		662.324	9.9		0.487		384.765	28	
29	4.0		0.140		599.573			0.382		697.246		7.9	0.664		653.760	9.9		0.270		374.595	29	
30	4.0		0.171		603.402	11.2		0.409		708.037		11.7	0.672		641.388	9.9		0.376		364.319	30	
31						6.7		0.385		714.352						9.9		0.428		353.991	31	
TOTAL	270.3		3.975			129.0	8.4	9.650			39.5	99.7	12.764			20.8	293.8	14.397			TOTAL	
DAY	AUGUST 1972					OCTOBER 1972					NOVEMBER 1972					APRIL 1973					DAY	
1	9.9		0.427		343.664						0		0.013		14.811	12.4		0.003		12.397	1	
2	9.9		0.532		333.232						0		0.009		14.802	19.8		0.004		12.193	2	
3	9.9		0.372		322.960						0		0.009		14.793	19.8		0.009		51.984	3	
4	9.9		0.425		312.635						0		0.003		14.790	19.8		0.012		71.772	4	
5	9.9		0.424		302.311						0		0.006		14.784	19.8		0.019		91.553	5	
6											0		0.006		14.778	19.8		0.037		111.316	6	
7	8.7		0.371		292.040						0		0.003		14.775	19.8		0.043		131.073	7	
8	9.2		0.349		273.419						0		0.000		14.775	19.8		0.048		150.825	8	
9	9.9		0.372		263.147						0		0.003		14.772	19.8		0.039		170.586	9	
10	14.9		0.313		247.934						0		0.003		14.769	19.8		0.057		190.329	10	
11	14.8		0.299		323.835						0		0.003		14.766	19.8		0.076		210.053	11	
12	16.0		0.283		216.552						0		0.003		14.763	19.8		0.080		229.773	12	
13	17.9		0.263		198.389						0		0.003		14.760	19.8		0.068		249.505	13	
14	17.9		0.221		180.288						0		0.000		14.760	19.8		0.054		269.251	14	
15	17.9		0.145		162.243						0		0.005		14.755	19.8		0.076		288.975	15	
16	17.9		0.163		144.180						0		0.000		14.755	19.8		0.081		308.694	16	
17	17.9		0.124		126.137						0		0.000		14.755	19.8		0.076		308.615	17	
18	17.9		0.124		108.113						0		0.003		14.752	19.8		0.078		308.537	18	
19	17.9		0.104		90.109						0		0.003		11.000	19.8		0.097		308.440	19	
20	17.9		0.084		72.125	6.2		0.000		6.200	0.002	3.749	0.002		10.998	19.8		0.116		308.324	20	
21	17.9		0.076		54.149	8.7		0.000		14.900								0.135		308.189	21	
22	17.9		0.051		36.198	0.0		0.007		14.893								0.135		308.054	22	
23	11.7		0.035		24.463			0.007		14.886								0.124		307.930	23	
24	7.9		0.024		16.539			0.007		14.897								0.127		307.803	24	
25	7.9		0.012		8.627			0.010		14.869								0.137		307.666	25	
26					.726			0.007		14.862								0.145		307.521	26	
27								0.007		14.855								0.120		307.401	27	
28								0.006		14.849								0.126		307.275	28	
29								0.006		14.843								0.066		307.209	29	
30								0.010		14.833								0.077		307.132	30	
31								0.009		14.824												31
TOTAL	347.3		5.965			14.9		0.076					0.077	3.749		309.4		2.268			TOTAL	
DAY	MAY 1973					JUNE 1973					JULY 1973					AUGUST 1973					DAY	
1			0.114		307.018			0.046		303.838			0.124		300.703	4.7		0.147		281.853	1	
2			0.124		306.894			0.092		303.746			0.127		300.576	4.0		0.172		277.681	2	
3			0.108		306.786			0.056		303.650			0.128		300.448	4.0		0.158		273.523	3	
4			0.117		306.669			0.095		303.555			0.134		300.314	4.0		0.194		269.329	4	
5			0.092		306.577			0.091		303.464			0.105		300.209	4.0		0.116		265.213	5	
6																						
7			0.103		306.474			0.115		303.349			0.113		300.096	4.0		0.163		261.050	6	
8			0.101		306.373			0.122		303.227			0.121		299.975	5.2		0.169		255.681	7	
9			0.108		306.265			0.124		303.103			0.127		299.848	4.7		0.164		250.817	8	

TABLE C-2 (Cont'd)

HAMILTON DITCH COMPANY

WATER YEAR 1973, 1974

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
SEPTEMBER 1973						OCTOBER 1973						NOVEMBER 1973						MARCH 1974					
1	7.9	0.039			78,804		0.013			14,450		0.007			14,186	12.4	0.000			12,900	1		
2	7.9	0.068			70,836		0.013			14,437		0.005			14,181	19.8	0.000			37,200	2		
3	7.9	0.061			62,875		0.013			14,424		0.004			14,177	19.8	0.000			52,000	3		
4	7.9	0.045			54,930		0.013			14,411		0.004			14,173	19.8	0.000			71,800	4		
5	7.9	0.039			46,991		0.013			14,398	6.2	0.009			20,364	7.4	0.000			79,200	5		
6	7.9	0.033			39,058		0.006			14,392	9.9	0.014			30,250						6		
7	7.9	0.027			31,131		0.000			14,392	9.9	0.018			40,132						7		
8	7.9	0.025			23,206		0.003			14,389	9.9	0.023			50,009						8		
9	7.9	0.017			15,289		0.009			14,380											9		
10	7.9	0.007			7,382		0.009			14,371											10		
11	7.382				0.000		0.009			14,362											11		
12							0.009			14,353											12		
13							0.011			14,342											13		
14							0.014			14,328											14		
15							0.011			14,317											15		
16							0.008			14,309											16		
17							0.013			14,296											17		
18							0.013			14,283											18		
19							0.013			14,270											19		
20							0.010			14,260											20		
21							0.003			14,257											21		
22							0.008			14,249											22		
23							0.008			14,241											23		
24							0.005			14,236											24		
25							0.005			14,231											25		
26							0.005			14,226											26		
27							0.007			14,219											27		
28	2.5	0.003			2,497		0.005			14,214											28		
29	4.0	0.006			6,491		0.005			14,209											29		
30	4.0	0.012			10,479		0.007			14,202											30		
31	4.0	0.016			14,463		0.009			14,193											31		
TOTAL	14.5	86,382	0.448				0.270				35.9	50.009	0.084			79.2					TOTAL		
APRIL 1974						MAY 1974						JUNE 1974						JULY 1974					
1	9.9	0.007			89,093	6.0	0.0	0.154		520,218		0.099			295,901	4.0	0.095			236,068	1		
2	18.4	0.022			107,471	6.0	0.0	0.134		526,084		0.087			295,814	4.0	0.099			231,969	2		
3	19.8	0.017			127,254	6.0	0.0	0.134		531,950		0.099			295,715	4.0	0.092			227,877	3		
4	19.8	0.036			147,018	6.0	0.0	0.119		537,831		0.083	0.368		296,000	4.0	0.107			223,770	4		
5	19.8	0.048			166,770	6.0	0.0	0.129		543,702		0.086	0.086		296,000	4.0	0.110			219,660	5		
6	19.8	0.031			186,539	6.0	0.0	0.147		549,555		0.094	0.094		296,000	5.2	0.092			214,368	6		
7	19.8	0.043			206,296	6.0	0.0	0.157		555,398		0.102	0.102		296,000	7.2	0.084			207,084	7		
8	19.8	0.067			226,029	6.0	0.0	0.173		561,241		0.114	0.014		296,000	7.9	0.083			199,101	8		
9	19.8	0.023			245,806	6.0	0.0	0.167		567,058		0.130	0.130		296,000	7.9	0.067			191,134	9		
10	19.8	0.048			265,558	2.2	0.0	0.150		569,108		0.118	0.118		296,000	7.9	0.063			183,171	10		
11	19.8	0.075			285,283	0.0	0.0	0.154		568,954		0.107	0.107		296,000	7.9	0.072			175,199	11		
12	19.8	0.077			305,006	0.0	0.0	0.158		568,796		0.107	0.107		296,000	6.9	0.081			168,018	12		
13	19.8	0.093			324,713	0.0	0.0	0.144		568,652		0.099	0.099		296,000	15.9	0.095			159,823	13		
14	19.8	0.121			344,392	0.0	0.0	0.140		568,512		0.095	0.095		296,000	15.9	0.101			151,622	14		
15	19.8	0.110			364,082	0.0	0.0	0.154		568,358		0.095	0.095		296,000	1.0	0.101			143,521	15		
16	19.8	0.111			383,771	0.0	0.0	0.134		568,224		0.095	0.095		296,000	7.9	0.096			206,525	16		
17	13.6	0.111			397,260	0.0	0.0	0.133		568,091		0.080			293,420	7.9	0.105			198,520	17		
18	9.9	0.082			407,078	0.0	0.0	0.099		567,992	2.5	0.083			289,337	7.9	0.120			190,500	18		
19	9.9	0.054			416,924	0.0	0.0	0.091		567,901	4.0	0.079			286,258	9.2	0.114			181,186	19		
20	9.9	0.095			426,729	0.0	0.0	0.132		567,769	4.0	0.086			281,172	9.9	0.098			171,188	20		
21	9.9	0.108			436,521	0.0	6.2	0.156		561,413	4.0	0.101			277,071	9.9	0.093			161,195	21		
22	9.9	0.108			446,313	0.0	9.9	0.169		551,304	4.0	0.100			272,971	9.9	0.100			151,156	22		
23	9.9	0.080			456,133	0.0	9.9	0.157		541,287	4.0	0.099			268,872	8.7	0.113			143,385	23		
24	9.9	0.054			465,979	0.0	9.9	0.161		531,226	4.0	0.098			264,774	7.9	0.092			134,300	24		
25	9.9	0.067			475,812	0.0	9.9	0.186		521,140	4.0	0.094			260,680	7.9	0.094			126,396	25		
26	9.9	0.094			485,618	0.0	9.9	0.208		511,032	4.0	0.097			256,583	7.9	0.084			118,812	26		
27	9.9	0.107			495,411	0.0	9.9	0.185		500,947	4.0	0.093			252,490	7.9	0.072			110,440	27		
28	7.4	0.120			502,691	0.0	9.9	0.166		490,881	4.0	0.115			248,375	9.2	0.067			101,173	28		
29	6.0	0.145			508,546	0.0	9.9	0.149		480,832	4.0	0.110			244,265	9.9	0.035			91,238	29		
30	6.0	0.174			514,372	0.0	3.7	0.147		476,985	4.0	0.102			240,163	9.9	0.066			81,272	30		
31						0.0	0.0	0.146	180.84	296,000						8.7	0.058			72,514	31		
TOTAL	437.5	2,328				56.2	89.1	4.633	180.84		54.5	2,947	41.510			39.7	204.1	2,749			TOTAL		
AUGUST 1974						SEPTEMBER 1974						NOVEMBER 1974						DECEMBER 1974					
1	9.2	0.056			63,258		0.025			21,364						4.0	0.015			98,196	1		
2	9.9	0.047			53,311		0.027			21,337						1.5	0.015			99,681	2		
3	9.9	0.033			43,378		0.024			21,313						0.0	0.029			99,652	3		
4	9.9	0.023			33,455		0.026			21,287							0.014			99,638	4		
5	9.9	0.019			23,536		0.033			21,254							0.014			99,624	5		
6	9.9	0.011			13,625		0.030			21,221							0.014			99,610	6		
7	9.9	0.004			3,721		0.031			21,195	2.5	0.001			2,499		0.000			99,610	7		
8	3.721				0.000		0.026			21,167	4.0	0.003			6,406		0.014			99,596	8		
9							0.026			21,141	4.0	0.002			10,494		0.014			99,582	9		
10							0.026			21,115	4.0	0.006			14,488		0.014			99,568	10		
11							0.026			21,089	4.0	0.007			18,481		0.014		</				

TABLE C-2 (Cont'd)

HAMILTON DITCH COMPANY

WATER YEAR 1975

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
JANUARY 1975						FEBRUARY 1975						MARCH 1975						APRIL 1975					
1			0.000		99,308			0.024		104,714					10,8		0.096			429,469	1		
2			0.015		99,293			0.017		104,697					18,6		0.130			447,989	2		
3			0.015		99,278			0.000		104,697					17,9		0.098			465,731	3		
4			0.015		99,263			0.000		104,697					19,1		0.099			484,732	4		
5			0.015		99,248			0.016		104,681					19,8		0.033			504,499	5		
6			0.000		99,248			0.000		104,681					19,8		0.067			524,232	6		
7			0.000		99,248										18,6		0.103			542,729	7		
8	1.5		0.000		100,448										16,6		0.035			559,294	8		
9	1.5		0.000		103,648										17,1		0.035			576,369	9		
10			0.015		105,133										16,6		0.209			592,750	10		
11	0.0		0.015		105,118										17,1		0.173			609,577	11		
12			0.015		105,103										16,6		0.212			626,065	12		
13			0.015		105,088										15,9		0.177			641,788	13		
14			0.015		105,073										18,4		0.071			660,117	14		
15			0.016		105,057										109,104		0.107			679,810	15		
16			0.000		105,057										18,6		0.108			698,302	16		
17			0.016		105,041										16,6		0.141			714,761	17		
18			0.016		105,025										15,9		0.208			730,453	18		
19			0.016		105,009										15,9		0.255			746,008	19		
20			0.016		104,993										17,1		0.183			761,815	20		
21			0.000		104,993										19,1		0.032			774,895	21		
22			0.016		104,977										19,8		0.064			787,774	22		
23			0.016		104,961										19,8		0.066			795,254	23		
24			0.01		104,945										19,8		0.067			799,037	24		
25			0.032		104,913										19,8		0.030			802,790	25		
26			0.032		104,881										19,8		0.087			806,616	26		
27			0.016		104,865										19,8		0.088			810,374	27		
28			0.033		104,832										19,8		0.089			811,774	28		
29			0.033		104,799										19,8		0.121			811,774	29		
30			0.017		104,782										19,8		0.093			821,596	30		
31			0.034		104,748										19,8		0.094				31		
TOTAL	5.9		0.460					0.067			410.9		1.145					4.859			TOTAL		
MAY 1975						JUNE 1975						JULY 1975						AUGUST 1975					
1	4.0		0.296		825,300			0.294		887,333	2.0		0.096		331,340		7.9	0.198		278,935	1		
2	4.0		0.297		829,003			0.255		887,078	2.0		0.108		333,232		7.9	0.201		270,834	2		
3	4.0		0.252		832,751			0.277		886,801	2.0		0.105		335,127		7.9	0.185		262,749	3		
4	4.0		0.216		836,535			0.334		886,467	2.0		0.112		337,035		7.9	0.216		254,633	4		
5	4.0		0.243		840,292			0.305		886,162	2.0		0.119		338,896		7.9	0.191		246,542	5		
6	4.0		0.270		844,022			0.302		886,801	2.0		0.136		340,760		7.9	0.146		238,496	6		
7	4.0		0.297		847,725			0.101		886,801	2.0		0.123		342,637		7.9	0.139		230,457	7		
8	4.0		0.291		851,438			0.109		886,801	2.0		0.136		344,501		7.9	0.182		222,375	8		
9	1.5		0.300		855,634			0.121		886,801	0.7		0.061		346,365		7.9	0.147		214,288	9		
10	0.0		0.299		859,335			0.128		886,801	1.2		0.153		348,229		5.4	0.179		208,749	10		
11			0.234		863,101			0.104		886,801	2.0		0.143		350,093		6.4	0.162		202,187	11		
12			0.321		866,866			0.129		886,801	2.0		0.151		351,957		7.9	0.166		194,121	12		
13			0.349		870,631			0.125		886,801	2.0		0.147		353,821		7.9	0.139		186,082	13		
14			0.330		874,396			0.106		886,801	2.0		0.150		355,685		6.7	0.163		177,943	14		
15			0.230		878,161			0.111		886,801	2.0		0.110		357,549		7.2	0.143		169,804	15		
16	8.7		0.261		881,926			0.103		886,801	2.0		0.113		359,413		7.9	0.120		161,665	16		
17	13.9		0.293		885,691			0.103		886,801	2.0		0.135		361,277		7.9	0.133		153,526	17		
18	13.9		0.322		889,456			0.087		886,801	3.2		0.138		363,141		7.9	0.061		145,387	18		
19	5.2		0.344		893,221			0.088		886,801	4.0		0.140		365,005		7.9	0.098		137,248	19		
20	0.0		0.209		896,986			0.085		886,801	2.7		0.151		366,869		5.5	0.124		129,109	20		
21			0.242		900,751			0.099		886,801	3.2		0.181		368,733		4.0	0.116		120,970	21		
22			0.274		904,516			0.113		886,801	4.0		0.176		370,597		6.4	0.106		112,831	22		
23			0.322		908,281			0.110		886,801	5.2		0.185		372,461		6.7	0.122		104,692	23		
24			0.315		912,046			0.098		886,801	5.2		0.188		374,325		4.7	0.127		96,553	24		
25			0.322		915,811			0.086		886,801	7.2		0.211		376,189		6.4	0.117		88,414	25		
26			0.327		919,576			0.109		886,801	4.5		0.198		378,053		7.9	0.090		80,275	26		
27			0.333		923,341			0.124		886,801	13.1		0.180		379,917		5.5	0.079		72,136	27		
28			0.338		927,106			0.116		886,801	0.2		0.161		381,781		5.2	0.085		64,000	28		
29			0.371		930,871			0.137		886,801	7.9		0.163		383,645		7.2	0.097		55,861	29		
30			0.360		934,636			0.120		886,801	7.9		0.174		385,509		7.9	0.074		47,722	30		
31			0.281		938,401					886,801	7.9		0.159		387,373		7.9	0.068		39,583	31		
TOTAL	75.2		9.139			21.2		4.421		575,000	34.5		72.4		4.503			219.5		4.174	TOTAL		
SEPTEMBER 1975																							
1			0.061		55,398																1		
2			0.054		47,444																2		
3			0.055		39,489																3		
4			0.044		31,545																4		
5			0.033		23,612																5		
6			0.022		15,690																6		
7			0.009		7,781																7		
8					0.000																8		
9																					9		
10																					10		
11																					11		
12																					12		
13																					13		
14																					14		
15																					15		
16																					16		
17																							

TABLE C-3

CONSOLIDATED PEOPLES DITCH COMPANY

WATER YEAR 1971, 1972

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
MARCH 1971						APRIL 1971						MAY 1971						JUNE 1971					
1						69.2	0.765			948.808	322.6	3.318			9168.358	232.4	8.975			19504.538	1		
2						80.4	0.505			1028.707	250.9	2.918			9536.350	235.4	5.369			19734.569	2		
3						94.2	0.395			1122.508	345.9	0.850			9880.470	217.2	5.766			19946.003	3		
4						105.9	0.689			1227.719	332.1	1.287			10211.283	234.6	5.135			20174.468	4		
5						266.1	0.786			1493.033	316.9	1.727			10526.456	265.1	7.338			20432.230	5		
6						347.9	0.549			1840.384	346.5	0.859			10872.097	291.6	6.487			20717.343	6		
7						320.2	0.411			2160.172	392.3	0.336			11264.397	330.8	7.136			21081.006	7		
8						298.4	0.674			2458.299	362.8	2.186			11623.021	254.2	8.082			21287.189	8		
9						309.7	0.962			2767.036	342.7	3.519			11964.192	198.4	5.973			21475.607	9		
10						329.3	1.285			3095.051	358.4	3.537			12319.055	198.4	5.528			21672.479	10		
11						346.5	1.088			3440.463	386.1	4.460			12700.695	160.0	7.423			21825.066	11		
12						368.0	1.428			3807.035	422.3	4.475			13116.520	138.1	8.106			21965.080	12		
13	89.3		0.041		89.259	372.0	0.829			4178.136	461.3	4.495			13575.325	137.6	7.688			22065.982	13		
14	64.7		0.036		153.923	340.5	0.624			4518.012	403.0	2.684			13975.641	138.1	8.023			22215.019	14		
15	15.4		0.039		169.284	309.8	1.617			4826.195	382.7	3.992			14354.349	120.3	9.850			22325.469	15		
16	7.7		0.081		176.903	325.1	2.328			5148.967	396.8	2.626			14748.523	109.1	9.400			22425.169	16		
17	2.7		0		179.603	367.8	0.342			5516.425	375.7	5.248			15118.975	90.5	9.772			22505.897	17		
18	8.2		0.086		187.717	360.1	1.058			5875.467	342.0	6.540			15454.435	36.7	9.378			22533.219	18		
19	19.3		0.090		206.927	345.4	2.164			6198.703	328.1	5.550			15776.886	4.2	8.236			22490.284	19		
20	10.0		0.101		236.826	304.8	0.735			6502.768	338.5	6.897			16108.488	0	8.968			22411.616	20		
21	37.4		0.112		274.114	284.4	1.500			6785.968	300.6	4.299			16404.789	80.4	9.893			22321.323	21		
22	39.7		0.128		313.690	263.4	2.291			7047.077	218.0	6.003			16616.788	124.5	10.033			22186.790	22		
23	54.6		0.070		358.220	239.7	1.094			7291.681	206.8	4.677			16818.911	162.1	8.938			22015.792	23		
24	41.2		0.076		409.384	239.8	1.567			7541.916	271.1	8.015			17081.996	191.3	8.490			21816.002	24		
25	22.8		0.077		432.067	216.2	2.766			7745.350	336.3	6.706			17411.590	220.1	8.120			21587.782	25		
26	60.8		0.083		492.784	203.1	2.790			7945.660	357.1	2.805			17766.185	235.9	8.840			21341.082	26		
27	72.1		0.186		571.698	209.8	2.416			8153.083	367.0	0.817			18132.668	245.9	7.732			21089.420	27		
28	68.0		0.200		619.498	216.8	3.239			8366.607	340.8	3.732			18469.816	270.2	8.769			20810.851	28		
29	70.9		0.318		710.080	234.4	2.856			8598.151	291.6	2.495			18758.981	296.2	8.501			20505.860	29		
30	87.8		0.335		797.545	273.8	2.875			8869.076	273.8	6.224			19026.517	313.0	8.825			20181.985	30		
31	82.8		0.372		879.972						256.4	5.804			19277.113						201		
TOTAL	882.4		2.427			803.4	44.297				1052.62	118.163				3392.7	2248.2	237.63			TOTAL		
JULY 1971						AUGUST 1971						SEPTEMBER 1971						OCTOBER 1971					
1		318.2	0.099		19856.686	236.1	8.253			9030.758	191.0	2.479			2444.673							1	
2		324.4	0.004		19523.282	237.3	7.861			8785.597	192.7	1.950			2250.023							2	
3		330.6	0.251		19183.431	261.9	7.884			8536.213	193.9	2.132			2053.991	12.4	0.009			12.391	3		
4		345.8	0.325		18826.306	248.0	6.631			8261.582	195.2	2.376			1866.355		0.015			12.376	4		
5		367.6	10.190		18450.516	224.7	6.736			8050.146	193.2	2.187			1660.968		0.015			12.361	5		
6		403.2	9.854		18037.462	216.1	6.855			7827.191	196.2	0.567			1464.201		0.012			12.349	6		
7		423.7	8.140		17695.083	213.4	7.406			7606.322	191.0	1.519			1271.682		0.012			12.337	7		
8		434.7	7.967		17162.376	216.8	7.005			7382.517	196.4	1.323			1073.959		0.012			12.325	8		
9		461.1	7.198		16694.078	216.3	7.059			7159.158	207.3	1.102			865.557		0.012			12.313	9		
10		482.5	8.041		16203.537	192.3	7.643			6959.215	210.2	0.855			654.502		0.012			12.301	10		
11		486.3	8.880		15708.357	184.7	6.707			6767.808	185.5	0.626			468.376		0.012			12.280	11		
12		487.7	9.200		15211.357	205.8	6.779			6555.229	181.8	0.392			286.184		0.009			12.280	12		
13		500.2	10.121		14701.036	209.3	6.308			6339.721	195.9	0.127			90.157		0.012			12.268	13		
14		501.8	9.712		14169.534	203.5	6.369			6129.852	83.8	0.009			6.348		0.002			12.259	14		
15		506.1	7.307		13676.117	201.5	6.438			5921.914	6.348				0		0.006			12.251	15		
16		511.6	8.544		13155.973	197.1	5.977			5718.837							5.003			12.250	16		
17		503.6	3.644		12648.729	216.2	5.492			5497.145							0.010			20.960	17		
18		476.1	8.204		12164.425	206.6	5.620			5284.995							12.6			11.524	18		
19		473.7	8.631		11882.104	209.6	5.085			5070.350							11.6			11.501	19		
20		177.7	8.287		11696.117	214.0	3.929			4852.421							13.1		0.029	58.472	20		
21		179.2	7.947		11508.970	200.5	4.471			4647.450							10.2		0.034	77.800	21		
22		183.7	8.481		11316.821	199.8	3.322			4444.328							8.7		0.038	86.500	22		
23		192.2	8.110		11116.511	207.9	3.271			4233.157							6.7		0.024	95.676	23		
24		197.4	8.200		10910.911	205.9	3.210			4024.047							9.2		0.027	109.249	24		
25		213.1	6.975		10690.836	201.4	3.681			3818.966							13.6				25		
26		218.0	8.336		10464.500	186.5	4.145			3628.321							14.6		0.060	123.789	26		
27		224.9	7.516		10232.084	183.1	3.556			3441.666							11.4		0.065	135.124	27		
28		230.1	8.452		9993.532	187.1	1.975			3252.090							7.4		0.034	142.490	28		
29		230.1	6.268		9757.164	194.7	2.871			3054.519							7.2		0.036	149.654	29		
30		233.9	7.219		9516.045	207.8	2.289			2844.430							6.7		0.036	156.939	30		
31		232.3	8.634		9275.111	204.1	2.178			2638.152							9.7		0.040	165.939	31		
TOTAL		10651	257.37			6470.4	166.559				2620.5	17.704				166.6		0.661			TOTAL		
NOVEMBER 1971						DECEMBER 1971						FEBRUARY 1972						MARCH 1972					
1	11.9		0.085		177.754	28.8	0.319			971.846							81.3	0.144			382.158	1	
2	10.7		0.090		188.364	23.3	0			979.146							85.8	0.109			266.219	2	
3	12.4		0.096		200.668	24.3	0			1010.446	32.2	0.016					86.284	0.039			182.310	3	

TABLE C-3 (Cont'd)

CONSOLIDATED PEOPLES DITCH COMPANY

WATER YEAR 1972, 1973

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
APRIL 1972						MAY 1972						JUNE 1972						JULY 1972					
1	109.9		0.861		2378.226	351.4		2.672		8117.545			6.255		12479.553			266.7	2.517		2948.517	1	
2	117.8		0.879		2385.147	373.7		3.150		8488.095			15.1	4.948	12459.505			258.4	2.373		2687.744	2	
3	135.4		1.497		2629.050	373.7		2.729		8859.066			13.4	4.904	12441.201			237.8	2.386		2447.558	3	
4	150.3		1.226		2778.124	352.2		4.136		9207.130			16.9	5.678	12418.623			209.6	2.117		2225.841	4	
5	142.3		0.628		2919.896	347.0		4.166		9549.964			28.5	6.946	12381.177			199.6	1.865		2034.376	5	
6	122.5		1.278		2041.118	349.2		3.732		9895.432			38.7	6.097	12336.380			199.1	1.498		1833.797	6	
7	115.1		1.297		3154.921	330.6		4.234		10221.798		11.7		5.705	12342.375			219.5	1.371		1612.907	7	
8	122.5		1.318		3276.103	314.5		3.793		10532.505				6.956	12413.813			213.6	1.027		1398.380	8	
9	134.4		1.334		3409.169	291.6		4.308		10819.797			53.3	4.499	12356.020			211.0	1.078		1186.305	9	
10	142.6		1.353		3550.416	282.2		5.773		11096.224			192.0	3.260	12160.760			218.7	0.778		966.827	10	
11	156.0		0		3706.416	283.7		6.782		11373.142			242.5	5.661	11912.599			233.9	0.762		732.165	11	
12	152.8		1.046		3858.170	298.6		7.796		11663.946			290.7	7.194	11614.705			232.1	0.536		499.529	12	
13	154.2		1.059		4011.311	324.9		8.320		11980.526			331.3	7.097	11276.308			224.0	0.930		3295.854	13	
14	143.8		0.719		4844.538	342.7		7.862		12315.364			365.6	6.197	10904.511			230.4	3.755		3061.699	14	
15	153.5		0.724		4307.168	217.0		7.858		12524.506			386.4	6.037	10512.074			229.2	3.056		2829.443	15	
16	179.6		0.731		4486.037	105.4		6.832		12623.074			416.9	6.673	10088.501			218.7	2.895		2607.848	16	
17	187.2		0.743		4672.494	60.5		3.881		12679.693			433.8	6.517	9648.184			226.7	2.267		2378.881	17	
18	172.8		0.756		4844.538	4.7		5.771		12678.622			440.7	5.828	9201.656			260.2	1.877		2116.804	18	
19	148.6		0.764		4992.374	26.0		1.898		12650.724			459.3	5.861	8741.436			260.9	1.511		1854.397	19	
20	136.4		1.154		5127.660	23.6		2.816		12624.308			476.4	5.356	8559.739			254.4	1.179		1598.614	20	
21	159.7		1.163		5286.157	38.4	4.191		12581.717			442.7	5.222	7811.817			259.7	1.169		1337.945	21		
22	200.6		1.174		5485.583	54.6	5.061		12544.056			478.6	5.038	7321.179			254.4	0.980		1082.565	22		
23	232.4		1.578		5716.405	56.3	5.909		12459.887			519.6	3.989	6711.671			246.3	0.825		835.440	23		
24	244.5		1.198		5959.707	50.8			12424.113			523.0	1.135	6278.536			245.3	0.647		589.493	24		
25	232.3		1.220		6190.787	8.9	6.217		12426.796			525.0	4.027	5749.509			249.7	0.383		339.404	25		
26	252.7		1.650		6441.837	36.2	6.157		12456.839			530.7	3.768	5215.041			252.0	0.093		87.311	26		
27	300.8		2.090		6587.587	42.4	6.229		12492.689			536.2	3.486	4675.355			246.3	0.16		1163.959	27		
28	344.2		1.700		7083.047	36.7	6.879		12522.460			537.7	4.200	4133.455			20.1	0.042		33.253	28		
29	346.7		1.731		7428.016	30.0			12545.581			538.9	3.648	3590.907			20.6	0.038		53.215	29		
30	343.0		2.199		7768.817	11.9	7.232		12526.449			369.8	3.373	3217.734			20.1	0.076		73.339	30		
31						20.8	7.741		12498.908								11.7	0.103		84.936	31		
TOTAL	5534.7		35.070			5157.8	262.4	165.309			90.1	9211.8	159.474				3097.7	6187.3	43.153		TOTAL		
AUGUST 1972						SEPTEMBER 1972						OCTOBER 1972						NOVEMBER 1972					
1	15.3		0.124		100.112			0.131		107.110			0.362		528.544			20.8	0.758		899.253	1	
2	7.4		0.171		107.341			0.131		106.979			0.363		528.181			27.8	0.581		926.472	2	
3	0		0.123		107.218			0.105		105.874			0.363		527.818			28.8	0.506		954.676	3	
4			0.145		107.073			0.093		105.821			0.361		527.577			63.2	0.406		1001.170	4	
5			0.150		106.993			0.105		105.716			0.361		527.216				0.431		1063.959	5	
6	0		0.136		106.787	78.1		0.176		184.640			0.602		526.614			54.3	0.448		1117.791	6	
7	2.5		0.143		109.144	95.2		0.329		279.511			0.481		526.131			46.4	0.232		1163.959	7	
8	1.5		0.141		110.503	63.7		0.478		342.733			0.361		525.772			0	0.232		1215.759	8	
9			0.156		110.397	60.5		0.462		402.771			0.241		525.531			54.3	0.246		1269.813	9	
10			0.139		110.208	52.3		0.415		454.656			0.362		525.169			61.0	0.256		1330.557	10	
11			0.141		110.067	29.5		0.439		483.717			0.361		524.808			55.6	0.261		1385.896	11	
12			0.144		109.923	19.8		0.455		503.062			0.361		524.447			40.9	0.264		1426.532	12	
13			0.146		109.777	16.1		0.585		518.577			0.481		523.966			0	0.260		1426.272	13	
14			0.122		109.655	10.2		0.476		528.301			0.360		523.606				0.260		1426.272	14	
15			0.098		109.557	6.7		0.722		534.279			0.360		523.246			31.0	0.449		1394.823	15	
16			0.124		109.433	2.2		0.674		535.805			0.240		523.006			47.1	0		1347.723	16	
17			0.124		109.309			0.483		535.322			0.360		522.646			56.8	0		1290.923	17	
18			0.125		109.184			0.483		534.839			0.240		522.407			70.6	0.234		1211.089	18	
19			0.126		109.058			0.484		534.353			0.120		522.287			86.6	0.232	-271.95	852.112	19	
20			0.126		108.932			0.484		533.869	6.2		0.120		528.367				0.184		852.112	20	
21			0.153		108.779			0.726		533.143	21.1		0.125		549.341								21
22			0.154		108.625			0.606		532.517	26.5		0.273		575.581								22
23			0.155		108.470			0.484		532.053	34.5		0.273		609.884								23
24			0.155		108.315			0.485		531.568	43.4		0.290		652.918								24
25			0.156		108.150			0.485		531.083	40.7		0.459		693.159								25
26			0.157		108.002			0.606		530.477	34.0		0.318		726.842								26
27			0.158		107.844			0.363		530.114	34.2		0.330		760.712								27
28			0.158		107.686			0.484		529.630	34.5		0.343		794.869								28
29			0.157		107.529			0.363		529.267	34.7		0.348		828.215								29
30			0.157		107.372			0.363		528.904	28.8		0.546		856.469								30
31			0.131		107.241						23.3		0.558		879.211								31
TOTAL	26.7		4.395			434.3		12.637			360.9		10.595				551.8	301.3	5.838	-271.95		TOTAL	
APRIL 1973						MAY 1973						JUNE 1973						JULY 1973					
1	270.3		0.068		270.232	297.6		3.094		8335.246	843.2		4.008		26761.232			191.2	10.696		26013.854		

TABLE C-3 (Cont'd)
CONSOLIDATED PEOPLES DITCH COMPANY

WATER YEAR 1973,1974

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
AUGUST 1973						SEPTEMBER 1973						OCTOBER 1973						NOVEMBER 1973					
1		362.6	5.159		9896.011		174.3	4.366		3852.385		11.4	0.191		211.283		17.9	0.508		1056.954	1		
2		248.2	5.981		9641.530		177.6	3.506		3671.076		9.9	0.197		220.986		17.9	0.342		1074.512	2		
3		220.7	5.436		9415.394		178.6	3.388		3489.088		13.6	0.209		233.377		17.9	0.344		1092.068	3		
4		203.6	6.614		9205.180		181.0	2.719		3305.369		18.4	0.224		252.553		15.4	0.347		1107.131	4		
5		201.6	3.925		8999.355		185.0	2.609		3117.760		19.8	0.241		272.112		15.1	0.523		1127.698	5		
6		197.9	5.501		8795.954		187.7	2.496		2927.564		18.6	0.128		290.584		15.9	0.527		1137.071	6		
7		212.5	5.665		8577.789		191.0	2.375		2734.189		31.5	0.000		322.084		18.4	0.530		1154.941	7		
8		206.1	5.467		8366.222		191.0	2.701		2540.488		57.0	0.080		379.004		21.1	0.535		1175.506	8		
9		205.1	5.264		8155.858		202.9	2.539		2335.049		67.4	0.285		446.119			1175.51		0.000	1175.506	9	
10		210.3	5.570		7939.988		201.6	1.969		2131.480		47.6	0.302		493.417							10	
11		196.7	6.164		7737.124		196.4	1.819		1933.261		28.3	0.316		521.401							11	
12		200.9	5.976		7530.248		200.1	1.991		1731.170		35.0	0.332		556.069							12	
13		217.0	5.763		7307.485		192.4	1.500		1537.270		35.5	0.463		591.106							13	
14		209.8	6.500		7090.885		184.3	1.342		1351.608		31.7	0.601		622.329							14	
15		196.2	5.702		6888.983		189.0	1.174		1161.454		31.7	0.498		653.407							15	
16		202.4	6.292		6680.291		194.2	0.967		966.257		29.3	0.368		682.339							16	
17		212.0	7.109		6461.182		197.7	0.647		765.910		24.1	0.658		705.781							17	
18		206.8	6.104		6248.078		199.6	0.568		567.742		19.3	0.669		724.412							18	
19		208.6	6.662		6032.816		199.1	0.324		368.318		16.6	0.679		740.333							19	
20		201.1	3.855		5827.861		197.2	0.153		170.965		15.9	0.551		755.682							20	
21		180.8	5.111		5641.950		170.9	0		0		15.1	0.138		770.644							21	
22		168.9	4.778		5468.272	12.4	0.009			12.391		14.6	0.426		784.818							22	
23		169.1	4.414		5294.758	24.8	0.025			37.166		30.0	0.430		814.388							23	
24		179.3	4.333		5111.125	26.5	0.043			63.623		50.8	0.298		844.890							24	
25		185.8	4.236		4921.089	25.8	0.081			89.342		42.7	0.309		907.281							25	
26		159.2	4.162		4757.727	27.0	0.131			116.211		28.8	0.315		935.766							26	
27		120.5	3.394		4633.833	25.3	0.159			141.352		24.6	0.480		959.886							27	
28		117.1	4.679		4469.084	20.6	0.147			163.906		22.6	0.325		982.161							28	
29		180.4	4.586		4367.068	20.6	0.207			184.198		20.5	0.329		1002.332							29	
30		159.4	4.481		4203.187	16.1	0.224			200.074		19.8	0.499		1021.633							30	
31		168.4	3.736		4031.051							18.6	0.671		1039.562							31	
TOTAL		6069.6	163.119			201.1	999.9	40.212				850.7	11.212			139.6		11791.6				TOTAL	
MARCH 1974						APRIL 1974						MAY 1974						JUNE 1974					
1		243.0	0.000		243.000	533.5	0.210			2761.830		569.2	5.292		17932.695			9.771			27747.729	1	
2		608.3	0.000		851.300	856.3	0.745			3617.445		595.1	4.725		18523.070			8.358			27739.571	2	
3		556.5	0.000		1407.800	485.8	0.533			4102.712		595.1	4.816		19113.352			9.265			27730.306	3	
4		331.1	0.000		1738.900	445.2	1.110			4546.802		595.1	4.375		19704.077			7.764	38.458		27757.000	4	
5		98.2	0.000		1837.100	569.3	1.468			5114.634		595.1	4.831		20294.346			8.105	8.105		27757.000	5	
6						534.7	0.926			5648.408		595.1	5.577		20883.869			8.771	8.105		27757.000	6	
7						518.8	1.283			6165.925		595.1	6.057		21472.912			9.521	8.771		27757.000	7	
8						516.8	1.991			6680.734		744.1	6.843		22210.169			10.659	9.521		27757.000	8	
9						536.2	0.686			7216.248		592.7	6.727		22796.142			10.659	10.659		27757.000	9	
10						512.4	1.407			7727.241		448.4	6.138		23238.405			12.158	12.158		27757.000	10	
11		36.0	0.000		1801.100	473.9	2.157			8198.984		448.3	6.395		23680.310			11.103	11.103		27757.000	11	
12		32.4	0.000		1798.500	471.7	2.202			8668.482		388.9	6.667		24062.583			9.993	9.993		27757.000	12	
13		37.2	0.000		1711.300	493.5	2.311			9159.371		297.4	6.163		24353.780			10.020	10.020		27757.000	13	
14		11.2	0.000		1700.100	511.4	3.904			9667.367		294.9	6.088		24642.502			9.271	9.271		27757.000	14	
15						528.2	3.069			10192.498		317.2	6.764		24953.028			8.910	8.910		27757.000	15	
16						540.6	3.113			10729.985		155.7	5.925		25102.802			8.910	8.910		27757.000	16	
17						561.0	3.150			11287.835		52.6	5.886		25149.516			8.938	8.938		27757.000	17	
18						571.4	2.384			11856.851		49.6	4.410		25194.706			7.538			27757.000	18	
19						515.6	1.608			12370.843		49.6	4.039		25240.267			7.444			27576.018	19	
20						469.7	2.863			12837.680		31.0	5.088		25265.379			150.5	7.569		27417.949	20	
21						462.2	3.298			13296.582		93.0	7.024		25351.355			149.3	8.344		27260.305	21	
22						475.9	3.333			13769.149		155.5	7.805		25499.050			143.3	9.843		27107.162	22	
23						494.0	2.510			14260.659		158.0	7.441		25649.669			124.5	9.848		26970.814	23	
24						497.5	1.637			14786.402		177.6	7.822		25818.305			187.5	9.871		26813.383	24	
25						461.3	2.130			15215.612		192.4	9.260		26002.523			177.1	9.882		26626.361	25	
26						421.9	3.018			15634.494		270.6	10.667		26262.456			204.4	9.512		26412.449	26	
27						420.6	3.468			16164.666		380.7	9.958		26533.780			236.1	9.895		26166.464	27	
28		115.3	0.000		1815.400	417.9	3.936			16465.590		418.6	9.144		27042.754			255.4	9.509		25901.545	28	
29		133.7	0.000		1949.100	423.9	4.830			16844.660		339.3	8.488		27373.566			264.9	11.618		25624.827	29	
30		138.1	0.000		2087.200	490.0	5.873			17368.787		254.4	8.509	0.000	27619.457			274.0	11.433		25339.304	30	
31		141.4	0.000		2228.600							171.4	8.532	25.325	27757.000			266.6	10.681		25062.113	31	
TOTAL		2365.6	137.0			15211.2	71.013					10621.7	208.162	25.325				2561.2	284.504	150.82		TOTAL	
JULY 1974						AUGUST 1974						SEPTEMBER 1974						FOOTNOTES					
1		258.7	9.971		25793.442	518.8	7.225			8101.780		211.3	1.100		925.860			a	Transferred from Farmers Ditch Company			1	
2		284.0	10.441		24499.001	331.1	6.862			7763.818		215.8	0.883		709.177			b	Released because of enc				

TABLE C-3 (Con'd)

CONSOLIDATED PEOPLES DITCH COMPANY

WATER YEAR 1974, 1975

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
OCTOBER 1974						NOVEMBER 1974						DECEMBER 1974						JANUARY 1975					
1			0.194		190.209	48.4		0.134		623.481	19.6		0.255		1511.845	0.0		0.000		1583.285	1		
2			0.097		190.112	47.4		0.280		670.601	8.2		0.223		1519.822	0.0		0.233		1583.052	2		
3			0.145		189.967	37.4		0.150		707.851	0.0		0.445		1519.377			0.233		1582.819	3		
4			0.096		189.871	33.7		0.305		741.246			0.213		1518.164			0.233		1582.586	4		
5	8.7		0.151		198.420	30.0		0.157		741.089	43.4		0.223		1562.341			0.233		1582.353	5		
6																							
7	11.4		0.159		209.661	27.8		0.320		798.569	26.0		0.227		1588.114	18.6		0.000		1600.953	6		
8	9.9		0.111		219.450	25.3		0.326		823.543	0.0		0.000		1588.114	11.2		0.000		1612.153	7		
9	17.4		0.119		236.731	26.3		0.331		849.512			0.027		1587.887	29.8		0.000		1641.953	8		
10	26.8		0.132		265.399	27.8		0.168		877.144			0.229		1587.658	46.4		0.000		1688.353	9		
11	23.6		0.215		286.784	25.3		0.344		902.100			0.229		1587.429	17.1		0.244		1705.209	10		
12	12.8		0.305		306.279	25.0		0.349		926.751			0.230		1587.199			0.245		1704.964	11		
13	16.1		0.320		322.059	25.8		0.353		952.198			0.229		1586.970	0.0		0.247		1704.717	12		
14	13.9		0.333		335.626	25.8		0.359		977.639			0.000		1586.970			0.249		1704.468	13		
15	11.4		0.344		346.682	25.8		0.364		1003.075			0.229		1586.741			0.177		1704.219	14		
16	8.7		0.439		354.943	25.3		0.184		1028.691			0.228		1586.513	500.0	7.4	0.177		1719.714	15		
17	5.4		0.446		359.897	25.8		0.187		1054.304			0.228		1586.285			0.000		1718.314	16		
18	4.0		0.358		363.539	24.6		0.189		1078.715			0.228		1586.057			0.172		1715.642	17		
19	4.0		0.364		367.175	22.6		0.192		1101.123			0.228		1585.829			0.168		1716.774	18		
20	4.0		0.367		370.808	21.6		0.193		1122.730			0.228		1585.601			0.162		1717.412	19		
21	1.5		0.369		371.933	20.6		0.390		1142.940			0.230		1585.371			0.158		1718.054	20		
22	0.0		0.276		371.663	47.1		0.199		1189.841			0.000		1585.371			0.000		1717.054	21		
23			0.276		371.387	66.0		0.205		1205.636			0.000		1585.371			0.146		1716.706	22		
24			0.276		371.111	50.1		0.210		1305.526			0.231		1585.140			0.143		1716.563	23		
25			0.185		370.926	37.2		0.427		1342.299			0.231		1584.909			0.138		1716.425	24		
26			0.184		370.742	33.2		0.216		1375.283			0.231		1584.678			0.266		1716.287	25		
27			0.092		370.650	30.5		0.436		1405.347			0.463		1584.215			0.257		1716.148	26		
28			0.183		370.467	24.8		0.222		1429.525			0.231		1583.984			0.123		1715.979	27		
29	49.6		0.100		419.967	21.8		0.224		1451.501			0.231		1583.751			0.233		1715.746	28		
30	70.7		0.000		499.667	23.1		0.450		1474.151			0.233		1583.518			0.233		1715.513	29		
31	48.1		0.124		538.647	18.8		0.451		1492.500			0.233		1583.285			0.179		1715.280	30		
TOTAL	391.7		6.888		575.215	925.6		8.315			97.2		6.415			123.1	1144.4	4.735			TOTAL		
FEBRUARY 1975						MARCH 1975						APRIL 1975						MAY 1975					
1	55.5		0.161		501.989					262.4		0.967		4333.823	148.1		3.601		10054.440	1			
2	23.6		0.077		478.312					237.3		1.326		4569.797	161.2		3.177		10212.463	2			
3	11.6		0.000		466.712					230.9		1.013		4709.684	208.3		3.157		10417.004	3			
4	2.7		0.000		464.012					248.7		1.035		5047.349	228.0		2.747		10642.869	4			
5	7.2		0.072		456.740					273.5		0.351		5320.498	179.1		3.128		10818.831	5			
6																							
7	16.4		0.000		440.340					261.9		0.715		5681.683	137.1		3.506		10952.425	6			
8										1.099		0.877		5815.684	125.2		3.877		11073.748	7			
9										220.0		0.374		6035.310	175.1		3.847		11245.001	8			
10										226.2		0.376		6261.134	279.5		4.057		11520.444	9			
11										223.4		2.289		6482.245	368.0		4.173		11884.271	10			
12																							
13										24.8		0.022		6708.546	396.1		3.377		12276.994	11			
14										10.4		0.023		6927.904	397.7		4.778		12669.916	12			
15										29.8		0.029		7142.732	396.7		5.357		13061.259	13			
16										36.5		0.035		7396.141	192.2		5.129		13248.330	14			
17										24.8		0.077		7694.631	50.8		3.591		13295.539	15			
18																							
19										52.8		0.093		7889.708	39.7		4.054		13331.185	16			
20										44.1		0.053		8112.510	39.7		4.466		13566.392	17			
21										24.1		0.111		8328.644	39.7		4.866		13801.226	18			
22										25.5		0.115		8533.325	39.7		5.188		14036.738	19			
23										29.0		0.060		8737.328	39.7		3.167		14272.271	20			
24																							
25										172.4		0.083		8840.237	39.7		3.675		14508.296	21			
26										143.4		0.244		8891.324	39.7		4.173		14743.823	22			
27										320.4		0.315		8949.644	52.1		4.908		14991.015	23			
28										285.7		0.368		9039.685	59.5		4.832		15245.683	24			
29										481.4		0.208		9242.138	59.5		4.961		15500.222	25			
30																							
31										520.8		0.697		9426.301	59.5		5.064		15754.658	26			
32										399.3		0.768		9541.947	59.5		5.166		15988.992	27			
33										337.0		0.821		9650.499	59.5		5.270		16231.222	28			
34										296.4		1.144		9772.263	59.5		5.393		16483.905	29			
35										267.8		0.583		9909.981	59.5		5.660		16740.741	30			
36										272.2		0.937			59.5		4.448		16995.794	31			
TOTAL	117.0		0.310			4079.5		7.110			5892.5		54.949			4249.1		133.247			TOTAL		
JUNE 1975						JULY 1975						AUGUST 1975						SEPTEMBER 1975					
1	59.5		5.141		14080.153	299.1		4.000		13835.765	566.8		5.448		7802.492			226.4		648	590.134	1	
2	59.5		4.058		14135.695	314.5		4.394		13516.874	585.3		5.496		7411.696			224.4		4.13	565.321	2	
3	59.5		4.050		15290.445	334.8		4.139		13177.935	560.1		5.028		7146.568			230.6		1.88	543.533	3	
4	59.5		5.790		15353.155	351.4		4.271		12822.264	270.5		5.831		6870.237			62.2		1.02	72.231	4	
5	59.5		5.302		1575.0	352.7		4.389		12465.175	263.1		5.127		6602.010	26.0		0.0		1.18	98.093		

TABLE C-4

WATER YEAR 1971, 1972.

FARMERS DITCH COMPANY

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
DAY	MARCH 1971					APRIL 1971					MAY 1971					JUNE 1971					DAY	
1						93.1	0.321			833.825	101.6	1.179			3263.719	142.6	2.435			9546.290	1	
2						92.1	0.455			925.470	120.6	1.042			3183.277	144.1	2.636			9686.754	2	
3						96.1	0.360			1021.810	115.4	0.301			3498.376	148.6	2.842			9892.512	3	
4						102.7	0.631			1123.879	109.2	0.465			3607.121	173.4	3.042			10002.870	4	
5						117.4	0.653			1240.626	99.7	0.608			3706.213	195.7	3.661			10194.909	5	
6						117.4	0.405			1357.621	117.5	0.302			3823.411	216.4	3.259			10408.050	6	
7						100.4	0.277			1457.744	149.8	0.771			3971.211	246.0	3.612			10650.458	7	
8						85.2	0.423			1542.521	128.9	0.271			4101.340	303.8	4.130			10950.108	8	
9						93.3	0.569			1635.252	113.8	1.239			4213.901	317.7	3.133			11264.675	9	
10						105.9	0.723			1740.429	124.3	1.245			4336.956	313.2	2.952			11574.923	10	
11						117.7	0.587			1867.642	144.9	1.573			4480.283	313.0	4.042			11883.881	11	
12						117.4	0.747			1992.195	173.2	1.587			4651.892	318.9	4.515			12198.266	12	
13	45.8	0.021			45.779	125.6	0.458			2128.337	203.0	1.607			4853.289	311.0	4.352			12505.913	13	
14	27.5	0.017			73.262	114.2	0.310			2242.227	251.5	0.980			5103.809	313.5	4.628			12813.785	14	
15	0	0.017			73.295	94.3	0.783			2335.744	237.0	1.512			5439.296	333.1	5.798			13141.087	15	
16		0.034			73.211	102.7	0.102			2437.342	368.8	1.034			5806.062	338.8	5.648			13474.239	16	
17		0			73.211	132.0	0.159			2569.183	310.5	2.123			6115.439	316.2	5.985			13784.454	17	
18		0.033			73.178	124.8	0.485			2693.498	261.5	2.698			6374.241	277.4	5.850			14056.004	18	
19	0	0.032			73.146	102.8	0.976			2795.322	290.7	2.372			6622.569	240.7	5.233			14291.471	19	
20		0.031			73.115	91.9	0.326			2886.896	268.6	2.949			6888.220	223.2	5.806			14508.865	20	
21	3.3	0.031			76.384	74.3	0.654			2960.542	254.9	1.872			7141.248	217.7	6.524			14720.041	21	
22	10.9	0.035			87.249	50.5	0.979			3010.063	197.8	2.649			7336.399	196.3	6.782			14909.595	22	
23	27.2	0.022			114.427	34.5	1.291			3043.272	180.8	2.092			7524.107	174.3	6.094			15077.805	23	
24	28.2	0.026			142.601	24.7	0.638			3067.334	238.7	2.641			7759.166	151.1	5.924			15229.981	24	
25	35.0	0.032			177.569	8.0	1.098			3074.236	294.1	3.101			8050.165	129.6	5.773			15346.808	25	
26	79.9	0.044			257.425	0	1.079			3073.157	313.1	1.179			8362.486	119.0	6.403			15459.405	26	
27	99.3	0.116			355.609	0.0	0.911			3075.246	294.9	0.199			8657.187	111.7	5.699			15565.406	27	
28	30.6	0.140			447.069	7.9	1.193			3081.953	237.8	1.797			8893.190	40.8	6.219			15464.187	28	
29	91.8	0.241			538.628	21.3	1.030			3102.223	186.6	1.208			9078.582	0	6.535			15225.752	29	
30	102.4	0.269			640.759	62.1	1.025			3163.298	172.4	3.025			9247.957	251.4	6.574			14967.778	30	
31	100.6	0.213			741.046						160.0	2.832			9405.125							31
TOTAL	742.5		1.454			2442.9		20.648			5291.0		49.173			6327.8	619.1	146.047				TOTAL
DAY	JULY 1971					AUGUST 1971					MARCH 1972					APRIL 1972					DAY	
1		258.0	6.737		14703.041	395.8	2.418			2645.571							0.150			414.210	1	
2		265.1	6.656		14431.285	395.4	2.012			2248.159							0.146			414.064	2	
3		272.0	6.825		14152.460	395.2	1.623			1851.336							0.236			413.828	3	
4		285.0	6.864		13860.596	414.3	1.150			1435.886							0.183			413.645	4	
5		334.3	7.457		13518.829	426.0	0.844			1009.042							0.089			413.556	5	
6		359.6	7.185		13152.044	426.0	0.510			582.332							0.174			413.382	6	
7		379.6	6.322		12766.122	426.0	0.153			155.879	8.7	0.004			8.696		0.170			413.212	7	
8		404.4	5.736		12355.986	355.873				0	15.1	0.010			85.786		0.166			413.046	8	
9		412.0	5.175		11956.818						17.1	0.016			40.870		0.162			412.884	9	
10		399.3	5.724		11533.614						15.4	0.023			56.247		0.157			412.727	10	
11		391.1	6.296		11136.418						13.9	0.028			70.119		0			412.727	11	
12		390.2	6.566		10739.652						15.4	0.034			85.186		0.112			412.615	12	
13		389.8	7.121		10342.731						19.6	0.041			104.744		0.109			412.506	13	
14		389.5	6.808		9946.423						16.9	0.047			121.597		0.071			412.435	14	
15		389.1	5.104		9552.219						17.6	0.054			139.143		0.069			412.366	15	
16		401.7	5.939		9144.580						27.5	0.095			166.548		0.067			412.299	16	
17		409.3	2.516		8732.764						36.0	0.114			202.434		0.066			412.233	17	
18		409.3	5.610		8117.854						45.9	0.091			248.243		0.064			412.169	18	
19		414.8	5.730		7897.324						47.1	0.160			295.183		0.063			412.106	19	
20		417.3	5.295		7474.129						46.9	0.182			341.901		0.093			412.013	20	
21		418.2	4.869		7051.060						35.2	0.195			376.906		0.091			411.922	21	
22		404.7	4.958		6641.402						25.3	0.135			402.071		0.089			411.833	22	
23		396.4	4.563		6240.249						12.0	0.135			413.936	18.8	0.089			411.744	23	
24		396.6	4.389		5839.260						1.9	0.130			415.706	30.1	0.094			411.655	24	
25		396.2	3.549		5439.511							0.248			415.458	21.2	0.096			411.566	25	
26		396.0	4.015		5039.496							0.179			415.279	40.9	0.135			411.477	26	
27		396.1	3.408		4639.988							0.172			415.107	84.6	0.190			411.388	27	
28		396.2	3.586		4240.202							0.222			414.885	112.5	0.174			411.299	28	
29		396.2	2.468		3841.534							0.162			414.723	112.8	0.195			411.210	29	
30		396.2	2.612		3442.722						0.210	0.210			414.513	112.9	0.269			411.121	30	
31		396.1	2.833		3043.789							0.153			414.360							31
TOTAL		11761.1	162.889			3035.08	8.710				417.2		2.840			538.3		3.800				TOTAL
DAY	MAY 1972					JUNE 1972					JULY 1972					NOVEMBER 1972					DAY	
1	115.1	0.350			1063.610	21.2	1.526			3044.288	19.8	2.733			3201.807					11.193	1	
2	133.5	0.444			1196.666	15.5	1.215			3058.573	19.8	2.807			3179.209		0.007			27.776	2	
3	136.0	0.411			1332.255	7.6	1.208			3064.965	19.8	3.078			3156.322	16.6	0.017			58.564	3	
4	120.8	0.652			1452.403	0.0	1.402			3065.463	19.8	2.968			3133.554	30.8	0.012			160.723	4	
5	120.0	0.686			1571.717	0.0	2.213			3063.250	19.8	2.852			3110.902	42.2	0.041					5
6	120.5	0.638			1691.579	0.0	1.513			3061.737	19.8											

TABLE C-4 (Cont'd)

FARMERS DITCH COMPANY

WATER YEAR 1973, 1974

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
APRIL 1973						MAY 1973						JUNE 1973						JULY 1973					
1	114.0		0.029		113.971	278.5		1.617		4357.568	163.7		2.012		13236.143			141.5	6.083		14793.773	1	
2	167.4		0.035		281.316	239.6		1.828		4595.306	153.7		4.044		13185.799			187.8	6.149		14600.410	2	
3	149.8		0.074		431.022	339.0		1.742		4032.564	250.5		4.295		13632.004			215.8	6.142		14778.488	3	
4	133.5		0.096		564.466	383.9		2.031		5314.433	317.4		4.380		13945.024			231.1	6.310		14141.078	4	
5	131.7		0.147		696.019	305.3		1.686		5618.047	317.4		4.279		14258.145			232.9	4.868		13903.310	5	
6	153.3		0.282		849.037	124.7		1.951		5740.823	119.0		5.449		14371.696			255.7	5.159		13642.451	6	
7	184.3		0.336		1033.001	190.0		1.924		5928.872			5.777		14365.919			279.7	5.385		13357.366	7	
8	216.1		0.396		1248.705	365.8		2.222		6292.450			5.890		14360.029			290.7	5.540		13061.126	8	
9	237.9		0.343		1486.262	330.5		2.451		6620.599			4.911		14355.118			303.6	5.690		12751.836	9	
10	91.4		0.473		1577.189	277.8		2.828		6995.571			4.723		14350.395			308.3	5.450		12438.086	10	
11	21.1		0.580		1597.709	277.7		2.733		7170.538			4.348		14346.047			313.7	5.019		12119.367	11	
12	17.6		0.564		1614.745	277.7		2.659		7445.579	14.9		3.978		14356.969			343.5	4.781		11771.086	12	
13	4.2		0.439		1618.406	277.8		2.387		7720.992	8.9		4.583		14361.286			377.7	4.717		11388.663	13	
14	0.7		0.322		1618.884	277.8		2.120		7996.672			4.066		14367.250			383.9	4.842		10999.927	14	
15	0		0.426		1618.458	370.8		3.640		8363.832	21.1		3.681		14374.669			383.4	4.597		10611.930	15	
16	0.7		0.423		1618.735	426.6		4.211		8786.221	43.6		3.691		14414.578			392.3	3.383		10216.247	16	
17	17.4		0.419		1615.716	426.5		3.621		9209.100	50.5		4.487		14469.531			378.2	3.689		9874.358	17	
18	10.4		0.416		1645.700	426.5		3.777		9631.823	107.6		4.315		14572.876			367.0	3.702		9463.666	18	
19	0		0.517		1645.183	426.5		3.762		10054.561	136.6		4.737		14704.739			360.8	4.005		9098.851	19	
20	0		0.619		1644.564	426.5		3.396		10477.665	132.7		6.306		14831.133			357.1	3.095		8738.656	20	
21			0.722		1643.842	426.5		3.424		10900.741	104.1		7.064		14928.169			357.1	3.395		8378.161	21	
22	19.8		0.727		1662.915	426.5		3.262		11323.979	95.4		5.904		15017.665			357.1	3.513		8017.548	22	
23	47.9		0.689		1710.126	364.6		3.460		11685.119	57.0		4.703		15069.962			357.1	3.945		7656.503	23	
24	91.0		0.742		1800.384	234.4		3.254		11916.265	21.8		5.131		15086.631			357.1	3.737		7295.662	24	
25	233.9		0.907		2033.377	178.5		3.229		12091.536	34.5		5.565		15115.566			357.0	5.615		6933.051	25	
26	377.0		1.135		2409.242	178.5		3.411		12266.625	48.1		5.777		15157.889			357.0	6.004		9570.047	26	
27	423.6		1.105		2831.737	178.5		3.768		12441.367	26.0		5.588		15178.301			357.0	5.804		9207.244	27	
28	426.5		1.335		3256.901	178.5		4.644		12655.223	26.5		6.232		15245.583			357.0	6.142		8845.101	28	
29	424.1		0.791		3680.210	178.5		4.977		12758.746	73.2		5.863		15366.526			357.0	4.940		8481.161	29	
30	401.5		1.025		4080.685	153.8		4.219		12933.327	109.6		5.564		14951.362			357.0	4.031		8122.130	30	
31						138.9		2.772		13074.455								357.0	4.310		7760.820	31	
TOTAL	4096.8		16.115			9086.8		93.030			2233.5	209.3	147.293			3000.0	100415	149.043			TOTAL		
AUGUST 1973						MARCH 1974						APRIL 1974						MAY 1974					
1			3.857		7399.963	155.2		0.000		156.200	316.5		0.156		2052.844			292.1	2.652		8987.640	1	
2			4.367		7038.596	453.3		0.000		609.500	530.7		0.532		2583.012			395.3	2.393		9380.540	2	
3			3.855		6677.741	410.4		0.000		1019.500	265.4		0.370		2848.042			448.4	2.477		9826.089	3	
4			4.538		6316.203	235.8		0.000		1255.700	200.9		0.744		3048.198			446.9	2.281		10271.089	4	
5			2.598		5956.605	71.4		0.000		1327.100	273.7		0.953		3320.945			374.2	2.534		10642.755	5	
6			3.500		5596.105	0.0		0.000			247.8		0.585		3568.160			406.5	2.950		11046.305	6	
7			3.458		5235.647						235.8		0.791		3803.169			276.8	3.193		11319.912	7	
8			3.186		4875.461						234.4		1.203		4036.366			172.6	3.540		11488.972	8	
9			2.914		4515.547						249.5		0.807		4285.459			172.6	3.440		11658.172	9	
10			2.928		4174.119						232.6		0.822		4517.237			172.6	3.123		11827.600	10	
11			3.062		3843.757						202.6		1.241		4718.596			172.6	3.240		11996.969	11	
12			2.769		3513.668						200.6		1.249		4917.947			172.6	3.371		12166.198	12	
13			2.511		3181.857						216.4		1.463		5133.284			172.6	3.122		12335.676	13	
14			2.737		2853.820						230.4		1.888		5361.796			172.6	3.090		12505.186	14	
15			2.089		2524.431						241.6		1.687		5601.709			172.6	3.436		12674.350	15	
16			2.068		2195.063						252.2		1.698		5852.211			172.6	3.032		12843.918	16	
17			2.053		1865.710						267.1		1.707		6117.604			172.6	3.046		13013.472	17	
18			1.551		1536.859						276.3		1.285		6392.619			137.4	2.301		13149.071	18	
19			1.334		1208.225						235.6		0.862		6627.357			50.1	2.112		13197.059	19	
20			0.582		880.343						199.1		1.522		6824.935			3.7	3.076		13197.683	20	
21			0.501		552.542						192.4		1.740		7015.595			0.0	3.656		13194.027	21	
22			0.197		225.045						204.9		1.747		7218.748			0.0	4.037		13189.990	22	
23			0.032		37.813						218.5		1.309		7435.939			17.4	3.830		13203.560	23	
24					0						219.7		0.880		7654.759			65.0	4.020		13264.540	24	
25											192.2		1.099		7845.860			138.1	4.771		13397.869	25	
26											161.7		1.545		8006.015			168.6	5.058		13560.961	26	
27											161.4		1.764		8165.651			168.6	5.080		13724.481	27	
28											160.4		1.990		8394.161			168.6	4.696		13888.385	28	
29											165.4		2.428		8487.133			168.6	4.358		14052.629	29	
30											214.0		2.941		8698.192			168.6	4.380		14216.847	30	
31																		137.6	4.407	200.040	14150.000	31	
TOTAL	7704.1	56.707				1736.5	0.000				7000.3	38.608				5759.0		107.152	200.040		TOTAL		
JUNE 1974						JULY 1974						AUGUST 1974						FOOTNOTES					
1			4.726		14145.274	213.8	4.693			11670.472	347.1	5.035		5645.769			a	Transferred to Peoples Ditch Company			1		
2			4.159		14141.115	229.6	4.874			11435.998	347.1	4.679		5293.990	</								

PARMERS DITCH COMPANY

QUANTITIES IN ACRE FEET

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TABLE C-5

TULARE IRRIGATION DISTRICT
FROM LAKE-SIDE TRANSFER

WATER YEAR 1975

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	JUNE 1975					JULY 1975					AUGUST 1975					FOOTNOTES					DAY
1						2,736		9465.762			724.0	5,915		8325.302		a	Tulare Irrigation District assumed				1
2						3,076		9462.686			724.0	5,632		7525.770			Lake-side Ditch Company entitlement				2
3						2,971		9459.715			724.0	4,890		6866.800			as of 0900, June 13, 1975.				3
4						3,150		9456.565			724.0	5,209		6127.631							4
5						3,329		9453.236			724.0	4,201		5409.430		b	Transferred from Lake-side Ditch				5
6						3,800		9449.436			662.0	2,901		4744.529			Company.				6
7						4,411		9446.025			606.2	2,488		4135.841							7
8						3,760		9442.265			570.3	2,909		3562.632		c	All water released for diversion				8
9						1,680		9440.585			505.8	2,001		3054.741			in Tulare Irrigation District canal				9
10						4,182		9436.403			476.0	2,215		2576.526			(St. Johns)				10
11						3,944		9432.459			457.4	1,702		2117.424							11
12						4,188		9428.271			446.3	1,427		1669.697							12
13	280.2		0.113		280.087	4,111		9424.160			446.3	0,911		1222.486							13
14	459.5		0.257		739.330	4,123		9419.947			446.3	0,706		775.480							14
15	471.2		0.435		1210.045	3,118		9416.829			446.3	0,273		328.907							15
16	444.4		0.549		1653.946	3,211		9413.618			328.91			0.000							16
17	388.1		0.682		2041.364	3,860		9409.758													17
18	283.2		0.656		2323.908	4,110		9405.609													18
19	149.8		0.703		2473.005	4,447		9397.221													19
20	64.5		0.693		2536.812	5,394		9391.827													20
21	37.4		0.813		2573.399	5,316		9386.511													21
22	82.1		0.953		2654.646	5,669		9380.842													22
23	103.7		0.957		2757.889	5,844		9374.998													23
24	38.4		0.858		2794.831	6,722		9368.276													24
25	0.7		0.749		2794.782	6,221		9362.055													25
26	0.0		0.950		2793.832	5,421		9356.634													26
27			1.073		2792.759	4,847		9351.787													27
28			1.061		2791.678	5,040		9346.747													28
29			1.167		2790.511	5,514		9341.233													29
30			1.013	6679.0	9468.458	5,020		9055.217													30
31						280.90															31
TOTAL	2803.2		13.702	6679.0		280.90	132.285				9011.81	43.410									TOTAL
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31																					31
TOTAL																					TOTAL

TABLE C-5 (Cont'd)

TULARE IRRIGATION DISTRICT
FROM CORCORAN TRANSFER

WATER YEAR 1975

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
JUNE 1975						JULY 1975						AUGUST 1975						FOOTNOTES				DAY
1						0.831		2872.980		2872.980			2.012		2831.601			a	Transferred from Corcoran Irrigation Company.		1	
2						0.934		2872.046		2872.046			2.008		2829.503						2	
3						0.902		2871.144		2871.144			1.989		2827.514						3	
4						0.956		2870.188		2870.188			2.398		2825.116			b	All water released for diversion in Tulare Irrigation District Canal (St. Johns)		4	
5						1.010		2869.178		2869.178			2.192		2822.924						5	
6						1.153		2868.025		2868.025			1.725		2821.199						6	
7						1.035		2866.990		2866.990			1.696		2819.503						7	
8						1.141		2865.849		2865.849			2.300		2817.203						8	
9						0.510		2865.339		2865.339			1.927		2815.276						9	
10						1.269		2864.070		2864.070			2.418		2812.858						10	
11						1.197		2862.873		2862.873			2.259		2810.599						11	
12						1.271		2861.602		2861.602			2.400		2808.199						12	
13						1.248		2860.354		2860.354			2.002		2806.107						13	
14						1.279		2859.075		2859.075			2.551		2803.556						14	
15						0.946		2858.129		2858.129			2.324		2801.232						15	
16						0.975		2857.154		2857.154			1.959		2681.880						16	
17						1.171		2855.983		2855.983		446.3	1.900		2233.680						17	
18						1.208		2854.775		2854.775		446.3	0.733		1786.647						18	
19						1.248		2853.527		2853.527		446.3	0.936		1329.411						19	
20						1.350		2852.177		2852.177		446.3	0.827		892.284						20	
21						1.637		2850.540		2850.540		446.3	0.397		445.587						21	
22						1.613		2848.927		2848.927		445.59			0.000						22	
23						1.721		2847.206		2847.206											23	
24						1.774		2845.432		2845.432											24	
25						2.040		2843.392		2843.392											25	
26						1.888		2841.504		2841.504											26	
27						1.645		2839.859		2839.859											27	
28						1.471		2838.388		2838.388											28	
29						1.530		2836.858		2836.858											29	
30			0.000	2873.81	2873.811	1.674		2835.184		2835.184											30	
31						1.571		2833.613		2833.613											31	
TOTAL				2873.81				40.198				2794.5	39.133								TOTAL	
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TOTAL																					TOTAL	

TABLE C-6

TULARE IRRIGATION DISTRICT
FROM CROCKER CUT

WATER YEAR 1971, 1973, 1974

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
MAY 1971																					1
1								0.191		747.653						160.7		0.803		2162.745	
2								0.203		747.450						153.0		0.928		2314.807	2
3								0.216		747.234						185.2		0.882		2500.124	3
4								0.227		747.027						197.6		1.000		2696.927	4
5								0.268		746.739						175.3		0.862		2871.431	5
6																					6
7								0.234		746.505						118.0		1.001		2988.430	
8								0.259		746.246						140.9		1.030		3128.300	7
9								0.317		841.229						305.8		1.212		3432.888	8
10								0.259		932.070						17.096		1.433		3872.859	9
11								0.260		1018.810						24.789		1.809		4409.745	10
12																					11
13								0.377		1107.233						24.780		1.915		5023.631	
14								0.445		1201.188						55.760		2.018		5651.813	12
15								0.447		1283.741						101.632		2.194		6284.513	13
16								0.404		1368.447						119.208		1.848		6956.974	14
17								0.650		1473.897						119.876		3.215		7618.260	15
18																					16
19								0.665		1586.432						126.240		3.965		8272.499	
20								0.727		1675.305						136.205		4.526		8968.869	17
21								0.724		1724.987						136.171		4.930		9630.669	18
22								0.636		1737.551						136.128		3.895		10409.474	19
23								0.695		1736.856						136.077		3.593		11084.381	20
24																					21
25								0.769		1736.087						136.017		3.677		11706.994	
26								0.754		1668.033						135.958		3.543		12298.761	22
27								0.630		1559.503						138.402		3.616		12887.145	23
28								0.565		1451.038						167.133		3.679		13471.268	24
29								0.505		1342.633						295.002		3.753		14050.613	25
30																					26
31								0.511		1234.422						566.335		4.064		14616.249	
2								0.413		1126.509						996.770		4.593		15205.358	27
3								0.308		764.701						132.923		5.649		15862.217	28
4								0.108		250.893						15.372		16.649		16499.477	29
5										0						663.4		5.611		17207.266	30
6																682.0		3.793		17885.473	31
TOTAL	750.3	2.456				997.3	1732.3	12.851			2005.6		2.752			15972.5		89.875			TOTAL
JUNE 1973																					1
1								9.852		23961.297						832.0		5.078		9742.215	
2								10.088		23951.209						843.0		5.218		8893.697	2
3								10.227		23940.982						843.0		4.645		8046.952	3
4								10.299		23930.783						843.0		5.172		7197.880	4
5								8.376		23922.407						843.0		2.771		6352.109	5
6																					6
7								9.043		23913.364						880.4		3.765		6020.796	
8								9.637		23903.727						902.7		3.378		5114.718	7
9								10.135		23893.592						902.7		2.750		4209.268	8
10								10.579		23709.413						902.7		2.133		3304.435	9
11								10.239		23365.574						964.7		1.640		2338.095	10
12								9.825		22988.749						b 1001.7		1.064		1335.331	11
13								9.164		22562.985						b 1001.7		0.265		333.366	12
14								9.156		22107.429						333.36					13
15								9.531		21651.498											14
16								9.182		21195.916											15
17								6.854		20699.262											16
18								7.569		20175.893											17
19								7.687		19652.406											18
20								8.420		19128.286											19
21								6.589		18605.897											20
22																					21
23								515.8		18082.771											
24								7.694		17559.277											22
25								8.777		17054.700											23
26								8.362		16324.538											24
27								8.764		15502.574											25
28								9.210		14680.164											26
29								8.736		13858.228											27
30								7.579		13037.449											28
31								7.117		12217.134											29
2								7.115		11398.278											30
3								5.785		10579.293											31
TOTAL	7010.5	704.3	231.724			11.2	3124.5	267.356			552.852	1109.0	38.179			585.2					TOTAL
APRIL 1974																					1
1								0.069		912.531						279.0		5.367		13344.981	
2								0.280		1357.951						446.4		5.495		12893.086	2
3								0.208		1601.543						446.4		5.004		12441.680	3
4								0.814		1694.829						446.4		5.722		11989.562	4
5								0.503		1753.826						446.4		5.772		11557.388	5
6																					6
7								0.293		1787.033						446.4		4.769		11086.219	
8								0.376		1808.253						446.4		4.309		10635.510	7
9								0.545		1827.812						446.4		4.213		10122.897	8
10								0.635		1842.635						446.4		3.376		9561.521	9
11								0.343		1881.692						446.4		3.095		8993.126	10
12																					11
13								0.495		1882.697						565.3		3.481		8424.345	
14								0.219		1882.219						565.3		3.505		7855.540	12
15								0.538		1888.081						565.3		3.514		7286.726	13
16								0.671		1904.210						565.3		3.193		6718.227	14
17								0.582		1933.328						565.3		2.898		6150.035	15

TULARE IRRIGATION DISTRICT
FROM CROCKER CUT

QUANTITIES IN ACRE FEET

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TABLE C-7

TULARE IRRIGATION DISTRICT PACKWOOD
CANAL FROM ST. JOHNS RIVER

WATER YEAR 1971, 1973, 1974

QUANTITIES IN ACRE FEET

UNITIES IN ACRE FEET																								
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	MAY 1971						JUNE 1971						JULY 1971						APRIL 1973					DAY
1									0.027		106.264				0.166		363.190							1
2									0.029		106.235				0.167		363.023							2
3									0.031		106.204				0.175		362.848							3
4									0.032		106.172				0.180		362.668							4
5									0.038		106.134				0.200		362.468							5
6									0.033		106.101				0.198		362.270							6
7									0.036		106.065				0.179		362.091							7
8						22.6			0.049		128.616				0.168		361.923							8
9						24.8			0.043		153.373				0.156		361.767							9
10						20.7			0.044		174.029				0.179		361.588							10
11						17.0			0.065		190.964				0.204		361.384							11
12						22.8			0.079		213.685				0.221		361.163							12
13						19.2			0.081		232.804				0.249		360.914							13
14						21.5			0.092		254.212				0.247		360.667							14
15	8.7		0.002		8.698	37.2			0.129		291.283		0.0		0.193		360.474							15
16	11.4		0.004		20.094	42.6			0.140		333.743		360.47											16
17	3.7		0.008		23.786	25.7			0.156		359.287													17
18	0.0		0.010		23.776	6.0			0.152		365.135													18
19			0.009		23.767	0.0			0.134		365.001													19
20			0.010		23.757				0.146		364.855													20
21			0.006		23.751				0.162		364.693													21
22			0.009		23.742				0.165		364.528													22
23			0.007		23.735				0.147		364.381													23
24	0.0		0.011		23.724				0.142		364.239													24
25	21.5		0.017		45.207				0.137		364.102													25
26	35.6		0.011		80.796				0.151		363.951													26
27	21.1		0.002		101.894				0.133		363.818													27
28	4.5		0.022		106.372				0.146		363.672													28
29	0.0		0.014		106.358				0.156		363.516													29
30			0.035		106.323				0.160		363.356													30
31			0.032		106.291																			31
TOTAL	106.5		0.209			260.1			3.035				360.47	2.882					1004.8		1.068			TOTAL
DAY	MAY 1973						JUNE 1973						JULY 1973						AUGUST 1973					DAY
1	55.8		0.393		1059.139	256.9		0.894		5879.561	3.7		4.547		11059.694			5.685						1
2	32.7		0.442		1091.397	323.4		1.873		6201.088	2.2		4.657		11057.237			6.762						2
3	90.0		0.417		1180.980	335.5		2.058		6534.530			4.721		11052.516			6.289						3
4	115.3		0.495		1295.785	334.3		2.157		6866.673			4.929		11047.587			7.639						4
5	70.9		0.410		1366.275	330.1		2.159		7194.614			3.867		11043.720		254.2	4.480						5
6	17.1		0.463		1382.912	272.3		2.830		7464.084			4.175		11039.545		388.1	6.176						6
7	34.7		0.466		1417.146	217.0		3.088		7677.996			4.449		11035.096		406.7	6.250						7
8	148.6		0.553		1565.193	122.5		3.198		7797.298			4.679		11030.417		406.7	5.914						8
9	276.5		0.581		1841.012	199.9		2.735		7994.463			4.920		11025.497		406.7	5.575						9
10	235.4		0.551		2075.561	316.7		2.734		8308.429			4.829		11020.668		313.7	5.835						10
11	176.8		0.858		2251.503	338.8		2.620		8644.609			4.563		11016.105		231.7	6.437						11
12	162.6		0.862		2413.241	331.1		2.485		8973.223			4.473		11011.632		280.2	6.185						12
13	162.7		0.796		2575.145	302.6		2.359		9272.864			4.559		11007.073		249.1	5.945						13
14	162.6		0.726		2737.019	219.5		2.667		9489.697			4.843		11002.230		208.3	7.023						14
15	162.7		1.261		2898.458	138.9		2.465		9626.132			4.764		10997.466		78.1	5.992						15
16	162.7		1.466		3059.692	122.5		2.496		9746.136			3.640		10993.826			6.812						16
17	162.7		1.266		3221.126	133.2		3.063		9876.273			4.123		10989.703		1259.5	6.564						17
18	162.7		1.327		3382.499	144.3		2.966		10017.607			4.297		10985.406		1259.5	4.745						18
19	162.7		1.326		3543.873	153.8		3.275		10168.132			4.834		10980.572		1259.5	3.797						19
20	162.6		1.201		3705.272	150.9		4.386		10319.032			3.887		10976.685		1259.5	1.441						20
21	162.6		1.215		3866.657	136.9		4.944		10446.602			4.446		10972.239		1259.5	0.831						21
22	173.8		1.164		4039.293	118.5		4.152		10560.950			4.806		10967.433		917.58							22
23	176.8		1.248		4214.846	97.5		3.325		10655.125			5.648		10961.785									23
24	183.3		1.201		4396.944	81.8		3.651		10733.274			5.612		10956.173									24
25	188.4		1.224		4584.120	88.5		3.982		10817.792			6.190		10949.983									25
26	212.0		1.333		4794.787	95.2		4.158		10908.834			6.866		10943.117									26
27	186.5		1.504		4979.783	84.1		4.045		10988.889			6.894		10936.223									27
28	162.6		1.892		5140.491	55.1		4.528		11039.461			6.354		10929.869									28
29	162.7		2.063		5301.128	24.3		4.304		11059.457			6.361		10923.508									29
30	162.7		1.781		5462.047	5.2		4.116		11060.541			5.418		10918.090									30
31	162.7		1.192		5623.555								6.060		10912.030									31
TOTAL	4651.9		32.077			5531.3		94.314			5.9		154.411			2079.57		116.377				</		

TABLE C-7 (Cont'd)

TULARE IRRIGATION DISTRICT
PACKWOOD CANAL FROM ST. JOHNS RIVER

WATER YEAR 1974, 1975

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
DAY	JULY 1974					AUGUST 1974					MARCH 1975					APRIL 1975					DAY	
1			2.722		6768.976	198.4	3.336			3740.298								0.043		193.238	1	
2			2.884		6766.092	475.1	2.883			3262.302								0.056		193.182	2	
3			2.710		6763.382	506.8	2.109			2724.393								0.041		193.141	3	
4			3.226		6760.156	506.8	1.552			2247.041								0.040		193.101	4	
5			3.380		6756.776	534.6	1.353			1711.088								0.013		193.088	5	
6			2.905		6753.871	631.8	0.856			1078.432								0.025		193.063	6	
7			2.735		6751.136	679.2	0.390			398.842								0.036		193.027	7	
8			2.808		6748.328	398.8				0.000								0.012		193.015	8	
9			2.382		6745.946													0.012		193.003	9	
10			2.321		6743.625													0.068		192.935	10	
11			2.785		6740.840													0.055		192.880	11	
12			3.006		6737.834													0.065		192.815	12	
13			3.248		6734.586													0.053		192.762	13	
14			3.206		6731.380													0.021		192.741	14	
15			3.164		6728.216													0.030		192.711	15	
16			3.122		6725.094													0.030		192.681	16	
17			3.571		6721.523													0.038		192.641	17	
18			4.221		6717.302													0.055		192.588	18	
19			4.225		6713.077													0.066		192.522	19	
20		277.68	3.700		6431.700													0.046		192.476	20	
21		396.7	3.464		6031.536													0.055		192.421	21	
22		396.7	3.742		5631.094						6.3		0.002		6.298			0.054		192.367	22	
23		396.7	4.161		5230.233						3.8		0.003		10.095			0.053		192.314	23	
24		396.7	3.296		4830.237						0.0		0.002		10.093			0.052		192.262	24	
25		272.8	3.373		4434.064						84.7		0.010		94.783			0.059		192.203	25	
26		198.4	3.071		4352.593						80.8		0.049		175.534			0.042		192.161	26	
27		74.4	2.794		4275.399						18.0		0.051		193.483			0.057		192.104	27	
28			2.813		4272.585						0.0		0.049		193.434			0.057		192.047	28	
29			1.649		4270.937								0.063		193.371			0.064		191.983	29	
30		124.0	3.351		4143.586								0.046		193.325			0.062		191.921	30	
31		198.4	3.152		3942.034								0.044		193.281						31	
TOTAL		d 2732.5	97.187			e 3929.6	12.479				193.6		0.319					1.360			TOTAL	
DAY	MAY 1975					JUNE 1975					JULY 1975					FOOTNOTES					DAY	
1			0.069		191.852	248.7	1.807			4948.537			2.553		8830.495			a Transferred to "Packwood from Lower Kaweah River".				1
2			0.060		191.792	320.4	1.512			5267.425			2.870		8827.625							2
3			0.058		191.734	340.3	1.750			5605.975			2.772		8824.853							3
4			0.049		191.685	343.1	2.243			5946.832			2.939		8821.914			b Outstorage for August 1973 included 3193.3 acre feet diverted to Tulare Irrigation District from St. Johns River. 216.83 acre feet diverted in Ketchum Ditch. 7215.084 acre feet diverted in Crocker Cut.				4
5			0.055		191.630	343.1	2.164			6287.768			3.105		8818.809							5
6			0.061		191.569	342.0	2.261			6627.507			3.545		8815.264							6
7			0.067		191.502	327.6	2.267			6952.840			3.182		8812.082			c Kaweah Delta Water Conservation District supplied evaporation June 4th to 16th 1974.				7
8			0.065		191.437	314.5	2.551			7264.789			3.507		8808.575							8
9			0.067		191.370	315.2	2.949			7577.040			1.568		8807.007							9
10			0.067		191.303	306.3	3.256			7880.084			3.902		8803.105			d Diverted to Tulare Irrigation District Canal from St. Johns River				10
11		37.2	0.063		228.440	264.9	2.720			8142.264			3.680		8799.425							11
12		140.1	0.139		368.401	196.9	3.469			8335.695			3.907		8795.518							12
13		241.8	0.250		609.951	157.5	3.423			8489.772			3.835		8791.683			e Outstorage for August 1974 included 1933.7 acre-feet diverted to Tulare Irrigation District from St. Johns River, and 1935.8 acre-feet diverted in Crocker Cut.				13
14		286.2	0.347		895.804	166.9	3.004			8653.668			3.930		8787.753							14
15		291.2	0.320		1186.684	180.3	3.171			8830.797		235.1	2.831		8549.833							15
16		288.4	0.448		1474.636	84.5	2.960			8912.337			515.7	2.740	8031.393							16
17		282.7	0.590		1756.746	7.7	2.970			8889.267			515.7	3.081	7512.612							17
18		288.4	0.742		2044.404	29.8	2.502			8868.865			515.7	2.960	6933.952							18
19		280.0	0.897		2323.507	17.9	2.519			8866.346			515.7	2.831	6475.421							19
20		271.7	0.610		2594.597		2.421			8863.925			515.7	2.819	5956.902							20
21		137.9	0.743		2731.754		2.801			8861.124			515.7	3.123	5438.079							21
22		21.6	0.848		2752.506		3.181			8867.943			515.7	2.786	4919.593							22
23		36.0	1.007		2787.499		3.074			8864.869			515.7	2.660	4401.233							23
24		151.8	1.041		2938.258		2.718			8862.151			515.7	2.421	3883.112							24
25		257.9	1.157		3195.001		2.372			8849.779			515.7	2.414	3364.998							25
26		291.4	1.283		3485.118		3.009			8846.770			515.7	1.892	2847.406							26
27		287.4	1.411		3771.107		3.397			8843.373			515.7	1.350	2330.356							27
28		280.0	1.539		4049.568		3.422			8839.951			577.7	0.908	1751.748							28
29		259.2	1.801		4306.967		3.695			8836.256			652.1	0.593	1099.055							29
30		217.0	1.832		4522.135		3.208			8833.048			674.4	0.251	424.406							30
31		181.0	1.491		4701.644								424.4		0.000							31
TOTAL		4528.9	19.177			4261.9	47.7	82.796				d 8752.1	80.955								TOTAL	
DAY																					DAY	
1																					1	
2																					2	
3																					3	
4																					4	
5																					5	
6																					6	
7																					7	
8																					8	
9																					9	
10																					10	
11																					11	
12																					12	
13																					13	
14																					14	
15																					15	
16																					16	
17																					17	
18																					18	
19																					19	
20								</														

TABLE C-7 (Con'd)
TULARE IRRIGATION DISTRICT
PACKWOOD CANAL FROM LOWER KANEAN RIVER

WATER YEAR 1971, 1973, 1974

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	OAY	
DAY	JUNE 1971					JULY 1971					APRIL 1973					MAY 1973						
1	93.0		0.024		92.976	514.2	3.141			6855.168						6.2		0.046		124.461	1	
2	148.8		0.066		241.710	514.3	2.923			6337.945						6.2		0.053		130.808	2	
3	171.6		0.120		415.190	514.3	2.807			5820.838						8.7		0.049		139.959	3	
4	188.5		0.184		603.506	514.3	2.687			5303.911						7.9		0.057		148.602	4	
5	188.4		0.284		791.622	514.3	2.644			4787.067								0.047		156.455	5	
6	188.4		0.307		979.715	513.8	2.333			4270.934						5.4		0.054		161.801	6	
7	566.7		0.524		1545.891	416.2	1.907			3850.827						6.4		0.055		168.146	7	
8	793.6		0.882		2338.609	360.6	1.620			3488.607	1.4		0.000		1.400	15.4		0.065		183.481	8	
9	793.6		0.871		3131.338	360.4	1.348			3126.859	2.2		0.000		3.600							9
10	793.6		1.001		3923.937	360.6	1.372			2764.887	0.8		0.001		4.399	104.4		0.130		316.173	10	
11	793.6		1.604		4715.933	360.2	1.359			2403.328	0.0		0.002		4.397	197.7		0.196		513.677	11	
12	669.6		1.993		5383.540	423.5	1.210			1978.618	0.0		0.002		4.395	215.8		0.260		729.217	12	
13	595.0		2.081		5976.459	461.6	1.044			1515.974	4.0		0.002		8.393	222.0		0.294		950.923	13	
14	533.2		2.350		6507.309	499.6	0.695			1015.679	2.7		0.002		11.091	276.0		0.325		1286.598	14	
15	496.0		3.089		7000.220	522.3	0.264			493.115	0.7		0.003		11.788	263.9		0.648		1489.848	15	
16	496.0		3.141		7493.079	541.0	0.392			603.823	1.5		0.003		13.285	254.9		0.836		1743.914	16	
17	186.0		3.333		7675.746	552.3	0.015			51.508	0.0		0.003		13.282	293.6		0.801		2036.713	17	
18			3.193		7672.553	51.5				0.000	0.0		0.003		13.279	311.5		0.921		2347.292	18	
19			2.808		7669.745						0.0		0.004		13.275	311.5		0.994		2657.798	19	
20			3.068		7666.677						0.0		0.005		13.270	273.0		0.950		2929.848	20	
21			3.396		7663.281						0.0		0.006		13.264	210.3		0.986		3139.162	21	
22			3.464		7659.817						0.0		0.006		13.258	170.4		0.953		3308.609	22	
23			3.095		7656.722						1.2		0.006		14.462	165.7		1.028		3472.281	23	
24			2.979		7653.743						2.0		0.007		16.445	160.0		0.992		3632.289	24	
25			2.878		7650.865						5.7		0.010		22.135	154.7		1.011		3785.978	25	
26			3.168		7647.697						15.3		0.018		37.417	137.4		1.091		3922.287	26	
27			2.799		7644.898						22.3		0.023		59.694	167.9		1.235		4088.952	27	
28			3.073		7641.828						23.8		0.034		83.460	258.2		1.608		4345.552	28	
29	0.0		2.718		7638.547						21.3		0.023		104.737	301.3		1.808		4626.044	29	
30	262.8		3.238		7372.599						13.6		0.030		118.307	261.4		1.600		4904.844	30	
31															283.2			1.100		5186.944	31	
TOTAL	7697.6	262.8	62.291			652.1	7996.9	27.701			118.5		0.193			5088.9		20.263			TOTAL	
DAY	JUNE 1973					JULY 1973					AUGUST 1973					MARCH 1974						
1	230.9		0.824		5417.020	0.7	2.092			5086.733			2.614		5015.204							1
2	162.7		1.685		5578.035		2.142			5084.591			3.109		5012.095	18.2		0.000		18.600	2	
3	127.2		1.797		5703.438		2.171			5082.420			2.892		5009.203	11.2		0.000		29.800	3	
4	177.6		1.847		5879.191		2.267			5080.153			3.597		5005.606	0.0		0.000		0.000	4	
5	210.1		1.827		6087.464		1.778			5078.375			2.182		5003.424						5	
6	36.5		2.321		6121.643		1.920			5076.455			3.127		5000.297						6	
7		39.4	2.445		6079.798		2.046			5074.409			3.300		4996.997						7	
8	33.0		2.506		6110.292		2.152			5072.257			3.263		4993.734						8	
9		70.9	2.065		6037.327		2.262			5069.995			3.221		4990.513						9	
10		144.1	1.939		5891.288		2.221			5067.774			3.498		4987.015						10	
11		171.1	1.733		5718.455		2.098			5065.676			3.970		4983.045						11	
12		140.9	1.545		5576.010		2.057			5063.619			3.952		4979.093						12	
13		56.5	1.751		5761.749		2.097			5061.522			3.377		4975.240						13	
14	245.3		1.619		5761.430		2.227			5059.295			2.891		5015.349						14	
15		45.9	1.463		5714.067		2.191			5057.104			1.471		1776.378						15	
16		112.8	1.434		5599.833		1.674			5055.430			0.486		516.392						16	
17		9.9	1.739		5607.994		1.896			5053.534	1259.5		0.568		515.824						17	
18		9.9	1.663		5616.231		1.976			5051.558			0.520		515.304						18	
19		112.8	1.772		5501.659		2.223			5049.335			0.568		514.736						19	
20		187.7	2.288		5311.671		1.787			5047.548			0.340		514.396						20	
21		188.4	2.423		5120.848		2.044			5045.504			0.466		513.930						21	
22		64.4	1.987		5064.461		2.210			5043.294	513.93				0.000						22	
23		8.7	1.580		5061.581		2.597			5040.697											23	
24		6.7	1.723		5056.558		2.582			5038.116											24	
25		7.2	1.867		5071.891		2.847			5035.269											25	
26		7.9	1.935		5077.856		3.157			5032.112											26	
27		6.7	1.871		5082.685		3.170			5028.942											27	
28		4.7	2.086		5085.299		2.922			5026.020											28	
29		4.0	1.980		5087.319		2.925			5023.095											29	
30		2.7	1.894		5088.125		2.491			5020.604											30	
31							2.786			5017.818											31	
TOTAL	1291.7	1334.9	55.619			0.7	71.007				4968.5	49.362				41.6		0.000			TOTAL	
DAY	APRIL 1974					MAY 1974					JUNE 1974					JULY 1974						
1	127.7		0.013		169.287	4.0	0.098			331.175			0.324		970.676			0.391		973.483	1	
2	94.0		0.054		263.233	7.5	0.086			338.589			0.285		970.391			0.415		973.068	2	
3	12.9		0.036		276.097	9.2	0.088			347.701			0.324		970.067			0.391		972.677	3	
4	4.0		0.068		280.029	9.2	0.079			356.822			0.272	1.205	971.000			0.464		972.213	4	
5	4.0		0.082		283.947	6.4	0.086			363.136			0.282	0.282	971.000			0.486		971.727	5	
6	2.7		0.047		286.600	7.5	0.099			370.537			0.307	0.307	971.000			0.418		971.309	6	
7	2.0		0.060		288.540	17.4	0.109			387.828			0.333	0.333	971.000			0.393		970.916	7	
8	2.0		0.087		290.453	27.4	0.128			415.100			0.373	0.373	971.000			0.408		970.512	8	

TULARE IRRIGATION DISTRICT
PACKWOOD CANAL FROM LOWER KAWAHA RIVER

QUANTITIES IN ACRE FEET

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TULARE IRRIGATION DISTRICT
FROM ST. JOHNS RIVER

QUANTITIES IN ACRES FEET

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TULARE IRRIGATION DISTRICT
FROM ST. JOHNS RIVER

WATER YEAR 1974, 1975

QUANTITIES IN ACRE FEET

[illegible]

TULARE IRRIGATION DISTRICT
FROM DEEP CREEK

QUANTITIES IN ACRE FEET

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TABLE C-10
TULARE IRRIGATION DISTRICT CENTRAL VALLEY
PROJECT WATER FOR EXCHANGE OF STORAGE IN
RESERVOIR

WATER YEAR 1974, 1975

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
DAY	MAY 1974					JUNE 1974					JULY 1974					AUGUST 1974					DAY	
1								3,624		10846.376			4,819		10988.656			5,897		6612.668	1	
2								3,184		10843.187			4,681		10983.975			5,829		6606.829	2	
3								3,622		10839.565			4,416		10979.559			5,054		6601.775	3	
4								3,035	13,470	10850.000			5,237		10974.552			5,055		6597.220	4	
5	363.4		0.086		363.314			3,168	3,168	10850.000			5,487		10968.835			5,212		6592.008	5	
6	590.1		0.255		953.159			3,429	3,429	10850.000			4,717		10964.118			5,227		6586.781	6	
7	818.4		0.500		1771.059			3,722	3,722	10850.000			4,440		10959.678			5,442		6580.339	7	
8	952.3		0.839		2722.520			4,166	4,166	10850.000			4,559		10955.119			5,606		6573.975	8	
9	1460.8		1.234		4182.086			4,752	4,752	10850.000		5000.0	2,102		10953.017		74.8	638.4	5,443	5723.532	9	
10	1765.7		1.570		5946.216			4,350	4,350	10850.000			2,048				297.5	613.1	4,532	5403.400	10	
11	1765.7		2.082		7709.834			3,904	3,904	10850.000			2,458		5948.511		297.5	613.5	4,518	5082.882	11	
12	1765.7		2.625		9472.909			3,917	3,917	10850.000			2,653		5945.858		297.5	609.4	4,480	4766.502	12	
13	1145.8		2.687		10616.022			3,624	3,624	10850.000			2,866		5942.992		466.2	589.6	4,207	4638.935	13	
14	290.2		2.694		10903.528			3,483	3,483	10850.000			2,829		5940.163							14
15	0.0		2.955		10900.573			3,483	3,483	10850.000			2,792		5937.371		74.8	673.2	3,606	3453.554	15	
16			2.573		10898.000			3,494	3,494	10850.000			2,755		5934.616		396.2	742.6	2,791	3104.863	16	
17			2.550		10895.450			2,951	2,951	10847.049			3,151		5931.465		694.2	697.0	3,118	3098.945	17	
18			1.907		10893.543			3,124	3,124	10843.925			3,725		5927.740		694.2	681.0	2,798	3109.347	18	
19			1.743		10891.800			2,993	2,993	10840.932			3,729		5924.011		694.2	694.9	2,848	3106.799	19	
20			2.538		10889.262			3,317	3,317	10837.615			3,406		5920.605		508.4	714.2	2,755	2897.244	20	
21			3.016		10886.246			3,924	3,924	10833.681			3,398		5917.207		396.7	564.6	2,817	2726.527	21	
22			3.331		10882.915		62.0	3,977	3,977	10831.704			3,329		5913.278		396.7	466.1	3,045	2654.082	22	
23			3.156		10879.754		99.2	4,045	4,045	10828.859			4,701		5908.577		396.7	391.0	3,107	2656.675	23	
24			3.297		10876.462		37.2	4,090	4,090	11019.969			4,030		5904.547		296.7	285.2	3,671	2764.506	24	
25			3.872		10872.590		0.0	3,967	3,967	11016.002			4,369		5900.178		396.7	217.0	3,919	2940.285	25	
26			4.414		10868.176			4,164	4,164	11011.838			4,160		5896.018		396.7	179.8	3,277	3153.904	26	
27			4.021		10864.155			4,041	4,041	11007.797	186.0		3,972		5892.046		272.8	63.8	3,491	3360.017	27	
28			3.672		10860.483			5,075	5,075	11002.722	297.5		4,195		5887.351		198.4		3,697	3554.720	28	
29			3.367		10857.116			4,962	4,962	10997.760	204.6		2,538		5883.413		198.4		3,903	3759.217	29	
30			3.344	a 0.440	10853.777			4,685	4,685	10993.075	55.8		5,232		5879.857		74.4	186.0	3,387	3634.230	30	
31			3.332		10850.000								5,232		5876.555			287.7	3,256	3343.274	31	
TOTAL	10918.1		67.660	0.440		198.4		114,277	58,952		743.9	5000.0	118,410			7619.4	10768.3	126,488			TOTAL	
DAY	SEPTEMBER 1974					APRIL 1975					MAY 1975					JUNE 1975					DAY	
1		279.2	3,637		3060.437					198.4		0.754		2104.233		4,639	1	982.0		12704.933	1	
2		282.7	3,456		2774.281					198.4		0.716		2301.917		3,646				13683.287	2	
3		407.2	2,689		2364.392					198.4		0.758		2499.559		4,269				13679.018	3	
4		483.8	2,294		1877.298					198.4		0.696		2697.263		5,157				13673.861	4	
5		494.8	2,133		1381.365					198.4		0.837		2984.826		4,704				13669.157	5	
6		498.7	1,239		881.426					198.4		0.990		3092.236		4,661				13664.496	6	
7		497.8	0.567		383.059					198.4		1,152		3289.484		4,455				13660.041	7	
8		393.06			0.000					198.4		1,193		3486.691		4,795				13655.246	8	
9										198.4		1,297		3683.794		5,312				13649.934	9	
10										198.4		1,363		3880.831		5,637				13644.297	10	
11										198.4		1,122		4078.109		4,557				13639.740	11	
12										198.4		1,612		4274.897		5,674				13634.066	12	
13										198.4		1,834		4471.463		5,495				13628.571	13	
14										570.4		1,951		5039.912		4,729				13623.842	14	
15										793.4		1,581		5631.731		4,891				13618.951	15	
16										793.4		2,014		6623.117		4,521				13614.430	16	
17										793.4		2,492		7414.025		4,247				13609.883	17	
18										793.4		2,979		8204.446		3,838				13606.045	18	
19										793.4		3,473		8994.373		3,864				13602.181	19	
20										793.4		2,300		9785.473		3,713				13598.468	20	
21						124.0	0.035		123.965	297.6	2,743		10080.330		4,297					13594.171	21	
22						198.4	0.090		192.275	0.0	1,552		10077.226		4,880					13589.291	22	
23						198.4	0.144		526.531		3,638		10073.587		4,715					13584.676	23	
24						198.4	0.196		718.735		3,566		10070.021		4,710					13579.866	24	
25						198.4	0.282		916.853		3,645		10066.376		3,639					13575.227	25	
26						198.4	0.241		1115.012		3,704		10062.672		4,616					13571.611	26	
27						198.4	0.393		1313.019	2671.0	4,763		12728.909		5,211					13566.400	27	
28						198.4	0.446		1510.973	0.0	4,837		12724.072		5,250					13561.150	28	
29						198.4	0.566		1708.807		5,319		12718.753		5,669					13555.481	29	
30						198.4	0.620		1906.587		5,151		12713.602		4,921					13550.560	30	
31											4,030		12709.572									31
TOTAL	3327.3	16,015				1909.6	3,013			106786	75,615				141,012	982.0					TOTAL	
DAY	JULY 1975					AUGUST 1975					FOOTNOTES					(Continued) FOOTNOTES					DAY	
1		3,916			13546.644		9,486		13351.533	a	Released to reduce encroachment in other unit space.					1	Transferred from Kaweah Delta Water Conservation District.					1
2		4,403			13542.281		9,893		13341.640													2
3		4,252			13537.989		9,379		13332.261													3
4		4,																				

TULARE IRRIGATION DISTRICT
FROM EXCHANGE WITH FLEMING
DITCH COMPANY

QUANTITIES IN ACRE FEET

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TABLE C-12

TULARE IRRIGATION COMPANY
FROM LOWER KANAWH

WATER YEAR 1971, 1972, 1973

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
APRIL 1971						MAY 1971						JUNE 1971						JULY 1971					
1						0.0		0.026		72.417	26.4		0.369		1445.995		111.4	0.573		1294.761	1		
2						0.0		0.023		75.394	27.6		0.401		1473.194		111.5	0.546		1182.715	2		
3						0.0		0.007		75.387	31.7		0.435		1504.469		111.5	0.516		1070.599	3		
4	4.3		0.002		4.298	1.8		0.010		77.177	53.1		0.474		1557.085		111.5	0.475		958.724	4		
5						0.0		0.013		77.164	55.6		0.583		1622.102		111.9	0.468		846.356	5		
6	2.6		0.002		6.896	8.7		0.007		85.857	65.2		0.528		1686.774		111.8	0.401		734.155	6		
7	0		0.001		6.895	36.0		0.000		121.857	64.7		0.594		1750.880		111.9	0.308		621.947	7		
8			0.002		6.893	16.1		0.026		139.931	64.1		0.684		1814.296		112.1	0.237		509.610	8		
9			0.002		6.891	0.0		0.041		139.890	64.0		0.822		1877.774		112.1	0.171		397.339	9		
10			0.003		6.888	7.2		0.042		147.048	64.1		0.495		1941.379		112.1	0.142		285.097	10		
11	0		0.002		6.886	29.6		0.062		176.586	64.1		0.682		2004.797		158.1	0.072		126.925	11		
12	14.1		0.008		20.978	55.1		0.079		231.607	64.0		0.766		2068.031	2602.35	185.3	2.166		3541.805	12		
13	17.2		0.008		38.170	64.6		0.098		296.109	64.0		0.742		2131.289	0	185.1	2.310		3354.395	13		
14	5.2		0.006		43.364	64.6		0.069		360.640	64.1		0.793		2194.596		184.9	2.168		3167.327	14		
15	0		0.015		43.349	63.9		0.118		424.822	64.0		0.996		2257.600		184.5	1.593		2981.234	15		
16	0		0.020		43.329	63.7		0.087		488.035	63.9		0.973		2320.527		184.3	1.815		2795.119	16		
17	18.4		0.004		61.725	64.1		0.132		551.043	18.1		1.015		2337.612		184.3	0.752		2610.067	17		
18	11.0		0.013		72.712	64.4		0.261		616.082	0	38.0	0.957		2298.656		184.3	1.635		2424.132	18		
19	0		0.025		72.687	64.5		0.244		680.338	54.9		0.821		2242.934		186.8	1.622		2235.710	19		
20	0		0.008		72.679	64.2		0.319		744.219	54.6		0.875		2187.459		188.2	1.450		2046.060	20		
21			0.016		72.663	64.5		0.212		808.507	54.3		0.945		2132.214		188.0	1.282		1856.778	21		
22			0.024		72.639	61.7		0.314		869.893	51.9		0.940		2079.374		221.0	1.220		1634.558	22		
23			0.031		72.606	63.4		0.260		933.034	50.1		0.820		2028.454		240.9	1.016		1392.642	23		
24			0.015		72.593	64.9		0.468		997.466	54.9		0.768		1972.786		240.9	0.865		1150.877	24		
25			0.026		72.567	64.2		0.409		1061.256	69.9		0.716		1902.170		240.5	0.594		909.783	25		
26			0.026		72.541	64.1		0.159		1125.197	79.5		0.755		1821.915		133.3	0.618		775.665	26		
27			0.022		72.519	64.2		0.094		1189.370	66.7		0.655		1734.580		69.0	0.519		706.346	27		
28			0.028		72.491	65.0		0.253		1254.117	103.3		0.656		1639.624		69.0	0.539		636.807	28		
29			0.024		72.467	62.0		0.175		1315.042	111.3		0.652		1513.622		69.0	0.367		547.442	29		
30			0.024		72.443	59.9		0.450		1375.392	111.3		0.618		1406.734		69.0	0.378		498.064	30		
31						45.0		0.428		1419.964							69.0	0.399		428.665	31		
TOTAL	72.8		0.357			1352.4		4.879			928.7	920.7	21.230				2602.35	4553.2		27.215		TOTAL	
AUGUST 1971						FEBRUARY 1972						MARCH 1972						APRIL 1972					
1		68.8	0.329		359.536								0.161		380.890			0.136		375.927	1		
2		79.2	0.251		280.085								0.163		380.727			0.132		375.795	2		
3		85.5	0.171		194.414								0.081		380.646			0.214		375.581	3		
4	0	85.5	0.887		1106.027								0.161		380.485			0.166		375.415	4		
5	1000.0	74.8	0.864		1032.363								0.156		380.329			0.081		375.334	5		
6		68.4	0.844		963.119	32.2				32.200			0.155		380.174			0.158		375.176	6		
7		68.6	0.878		893.641	54.1		0.019		86.281			0.154		380.020			0.154		375.022	7		
8		70.5	0.780		822.361	56.8		0.000		143.081			0.153		379.867			0.151		374.871	8		
9		71.6	0.740		750.021	58.8		0.045		201.846			0.152		379.715			0.147		374.724	9		
10		71.9	0.744		677.377	53.3		0.108		255.028			0.152		379.563			0.143		374.581	10		
11		72.0	0.599		604.778	47.1		0.127		302.001			0.151		379.412			0.000		374.431	11		
12		73.1	0.545		531.129	46.9		0.146		348.755			0.150		379.262			0.102		374.279	12		
13		73.8	0.455		445.874	27.8		0.076		376.477			0.149		379.113			0.099		374.130	13		
14		73.8	0.398		382.676	6.0		0.000		482.477			0.148		378.965			0.065		374.315	14		
15		73.8	0.335		308.541			0.080		382.397			0.146		378.819			0.063		374.252	15		
16		73.8	0.245		234.496			0.080		382.317			0.216		378.603			0.061		374.191	16		
17		74.2	0.160		160.136			0.080		382.237			0.212		378.391			0.060		374.131	17		
18		74.4	0.090		85.646			0.080		382.157			0.139		378.252			0.058		374.073	18		
19		63.2	0.022		22.424			0.159		381.998			0.204		378.068			0.067		374.016	19		
20		22.424			0			0.079		381.919			0.201		377.847			0.084		373.932	20		
21								0.079		381.840			0.195		377.652			0.082		373.850	21		
22								0.156		381.684			0.127		377.525			0.080		373.770	22		
23								0.078		381.606			0.123		377.402			0.103		373.687	23		
24								0.078		381.528			0.118		377.284			0.075		373.592	24		
25								0.079		381.449			0.225		377.069			0.074		373.518	25		
26								0.079		381.370			0.162		376.897			0.096		373.422	26		
27								0.159		381.291			0.156		376.741			0.116		373.306	27		
28								0.080		381.131			0.201		376.580			0.090		373.216	28		
29								0.080		381.051			0.147		376.393			0.087		373.129	29		
30													0.191		376.202			0.106		373.023	30		
31													0.139		376.063							31	
TOTAL	1000.0	1419.4	9.341			383.0		1.949					4.988					3.040			TOTAL		
MAY 1972						JUNE 1972						JULY 1972						AUGUST 1972					
1			0.123		372.900			0.206		410.268			1.092		1279.576	39.9		0.010		39.890	1		
2	18.4		0.145		391.155			0.163		410.105			0.970		1099.306	52.0		0.011		91.879	2		
3	19.7		0.127		410.728			0.162		409.943			0.868		890.238	35.2		0.022		127.057	3		
4	5.2		0.187		415.741			0.187		409.766			0.628		663.310	15.4		0.024		142.433	4		
5			0.181		415.560			0.296		409.466			0.401		437.309	12.5		0.033		154.900	5		
6			0.157		415.403			0.202		409.258			0.173		211.536	37.9		0.064		132.716			

TABLE C-12 (Cont'd)

TULARE IRRIGATION COMPANY
FROM LOWER KAWEAH

WATER YEAR 1973, 1974, 1975

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
MAY 1973						JUNE 1973						JULY 1973						AUGUST 1973					
1	74.4		0.666		1795.711	148.8		0.797		5239.560			2.321		5643.813			0.985		1009.445	1		
2	59.5		0.751		1852.460	148.8		0.627		5386.733			2.358		5599.255			1.042		1680.403	2		
3	84.3		0.684		1935.076	147.6		1.743		5539.590			2.365		5587.090			0.849		1471.254	3		
4	99.2		0.777		2034.499	73.7		1.760		5604.530			2.437		5606.453			0.907		1262.047	4		
5	74.4		0.633		2108.269	11.2		1.685		5614.045			1.885		5384.168			0.459		1053.288	5		
6	59.5		0.726		2167.040	0		2.128		5611.917			2.005		5303.063			0.528		844.460	6		
7	59.5		0.733		2225.807			2.256		5609.661			2.100		5208.463			0.480		535.710	7		
8	96.5		0.820		2321.687			2.300		5607.361			2.166		5107.097			0.279		427.161	8		
9	101.7		0.897		2422.490			1.918		5605.443			2.234		5005.663			0.141		218.720	9		
10	102.4		1.035		2523.855			1.844		5603.599			2.149		4904.314			0.051		72.369	10		
11	109.1		1.003		2631.952			1.698		5601.901			1.989		4803.125					0.000		11	
12	109.1		0.979		2720.073	11.2		1.555		5611.546			1.910		4702.015							12	
13	109.1		0.880		2848.293	6.7		1.792		5616.454			1.906		4600.909							13	
14	109.1		0.784		2956.609	44.6		1.591		5659.463			1.981		4499.728							14	
15	109.1		1.334		2964.375	39.2		1.459		5697.204			1.905		4398.623							15	
16	109.1		1.520		3171.955	26.0		1.465		5721.759			1.423		4298.000							16	
17	109.1		1.290		3279.765	33.5		1.784		5653.455			1.575		4197.225							17	
18	109.1		1.328		3387.537	38.2		1.714		5789.941			1.602		4096.423							18	
19	109.1		1.308		3495.329	40.9		1.878		5828.963			1.759		3995.464							19	
20	109.1		1.168		3603.261	40.4		2.494		5866.869			1.373		3894.885							20	
21	109.1		1.166		3711.195	37.2		2.793		5901.276			1.537		3794.148							21	
22	109.1		1.101		3819.195	22.1		2.328		5921.048			1.618		3693.330							22	
23	109.1		1.163		3927.132	5.2		1.849		5924.399			1.851		3592.279							23	
24	133.9		1.109		4059.923	0		2.014		5922.385			1.788		3491.291							24	
25	148.8		1.124		4207.599	24.8		2.170		5995.415			1.898		3358.021							25	
26	148.8		1.211		4355.188	39.7		2.231		5853.484			1.975		3147.746							26	
27	148.8		1.360		4502.628	39.7		2.139		5811.645			1.852		2937.594							27	
28	148.8		1.712		4649.716	39.7		2.360		6769.579			1.586		2727.708							28	
29	148.8		1.867		4796.649	39.7		2.229		6727.650			1.466		2517.947							29	
30	148.8		1.612		4943.837	39.7		2.116		5685.834			1.166		2306.497							30	
31	148.8		1.080		5091.557										2099.030							31	
TOTAL	3405.4		33.820			875.3	223.3	57.723				3529.5	57.332			2093.4	5.661				TOTAL		
FOOTNOTES						MARCH 1974						APRIL 1974						MAY 1974					
1						37.2				37.200	94.7		0.046		606.654	59.5		0.717		2429.825	1		
2						96.7				133.900	118.3		0.149		724.805	59.5		0.635		2488.690	2		
3	a	Transferred from "Tulare Irrigation Company from Ketchum Ditch"				81.8				215.700	81.8		0.105		806.500	64.5		0.643		2552.547	3		
4						59.5				275.200	59.5		0.211		865.789	62.5		0.581		2614.466	4		
5						22.3				297.500	59.5		0.266		925.023	59.5		0.636		2673.330	5		
6	b	Transferred from Mathews Ditch Company.									59.5		0.161		984.362	63.2		0.731		2735.799	6		
7											59.5		0.217		1043.645	96.5		0.799		2831.500	7		
8	c	July 25th to 31st 1973 a total 686.8 acre feet and August 1st through 31st, 1973 a total 1163.37 was diverted through Ketchum Ditch									59.5		0.329		1102.816	117.6		0.908		2948.192	8		
9											59.5		0.119		1162.206	119.0		0.905		3066.287	9		
10											59.5		0.222		1221.484	127.7		0.843		3193.144	10		
11	d	Released to reduce encroachment into other units space.									59.5		0.337		1280.647	131.6		0.808		3323.846	11		
12											59.5		0.340		1339.807	123.5		0.955		3446.391	12		
13											59.5		0.399		1398.908	119.0		0.902		3564.489	13		
14	e	Of this amount 1435.4 was released to reduce encroachment into other units space.									59.5		0.513		1457.895	119.0		0.910		3682.579	14		
15											59.5		0.457		1516.938	119.0		1.030		3800.589	15		
16	f	Of this amount 98.0 was released for diversion in Ketchum Ditch on August 14th thru 15th.									59.5		0.457		1575.981	119.0		0.925		3918.624	16		
17											59.5		0.456		1635.025	112.8		0.943		4030.481	17		
18											59.5		0.341		1694.184	78.1		0.719		4107.862	18		
19											59.5		0.228		1753.466	59.5		0.667		4166.695	19		
20											59.5		0.404		1812.552	59.5		0.985		4225.210	20		
21	g	Above allowable storage - Transferred to Tulare Irrigation District (Crocker Cut)									59.5		0.464		1871.588	59.5		1.187		4283.523	21		
22											59.5		0.467		1930.621	59.5		1.329		4341.694	22		
23											59.5		0.350		1989.771	59.5		1.276		4399.918	23		
24											59.5		0.236		2049.035	59.5		1.351		4458.067	24		
25											59.5		0.295		2108.240	95.5		1.621		4551.946	25		
26											50.8		0.417		2158.623	118.3		1.896		4668.350	26		
27											51.8		0.477		2209.946	128.9		1.775		4795.475	27		
28											49.3		0.540		2258.706	133.7		1.666		4927.509	28		
29											59.5		0.662		2312.344	124.2		1.592		5050.143	29		
30											59.5		0.802		2371.042	119.0		1.592		5167.551	30		
31											512.0					119.0		1.623	40.072	5285.000	31		
TOTAL						512.0					1869.5		10.458			2947.1	33.214	0.072			TOTAL		
JUNE 1974						JULY 1974						AUGUST 1974						MARCH 1975					
1			1.765	354.6	4928.635			1.743		4334.424			1.269		1422.687							1	
2			1.849	434.0	4493.186			1.899		4314.185			1.169		1322.318							2	
3			1.401	458.8	4032.985			1.716		4267.869			0.936		1222.182							3	
4			1.129	193.1	3849.000			2.007		4206.362			0.775		1122.207							4	
5			1.124	1.124	3849.000			2.073		4144.789			0.808		1021.599							5	
6			1.216	1.216	3849.000			1.741		4046.348			0.731		921.268							6	
7			1.320	1.320	3849.000			1.591		3925.757			0.804		821.264							7	
8			1.478	1.478	3849.000			1.584		3805.178			0.642		720.522							8	
9			1.686	1.686	3849.000			1.301		3684.872			0.589		619.233							9	
10			1.540	1																			

TULARE IRRIGATION COMPANY
FROM LOWER KAWeah

QUANTITIES IN ACRE FEET

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TABLE C-13

TULARE IRRIGATION COMPANY
FROM KETCHUM DITCH

WATER YEAR 1971, 1972, 1973

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
MARCH 1971						APRIL 1971						MAY 1971						JUNE 1971					
1						67.8		0.302		785.199	66.9		0.891		2466.323	51.5		1.163		4560.137	1		
2						67.1		0.419		851.880	66.7		0.780		2532.243	43.6		1.252		4602.485	2		
3						68.3		0.324		919.856	66.7		0.224		2598.719	44.2		1.343		4645.382	3		
4						68.9		0.555		988.201	66.8		0.336		2665.183	46.7		1.426		4690.616	4		
5						68.1		0.556		1055.745	66.9		0.448		2731.635	49.5		1.702		4738.414	5		
6						68.4		0.335		1123.810	66.7		0.221		2798.114	52.7		1.500		4789.614	6		
7						69.0		0.227		1192.583	66.4		0.000		2864.514	56.5		1.643		4844.471	7		
8						67.9		0.345		1260.138	66.6		0.251		2930.563	62.9		1.850		4905.521	8		
9						68.2		0.462		1327.876	66.7		0.881		2996.382	65.9		1.352		4970.089	9		
10						68.8		0.580		1396.096	66.7		0.879		3062.203	65.9		1.284		5034.655	10		
11						68.1		0.463		1463.733	66.5		1.098		3127.605	65.9		1.734		5098.821	11		
12						67.7		0.574		1530.859	66.3		1.089		3192.816	65.9		1.911		5162.813	12		
13						67.5		0.344		1598.015	66.1		1.079		3257.837	65.9		1.820		5226.890	13		
14						68.3		0.230		1666.085	68.5		0.639		3325.698	24.7	34.7	1.881		5215.007	14		
15						67.7		0.581		1733.204	79.0		0.947		3403.751	0	55.4	2.275		5157.342	15		
16						68.2		0.814		1800.590	82.5		0.621		3485.630	55.2		2.138		5099.994	16		
17						68.0		0.116		1868.474	74.4		1.235		3568.795	55.3		2.189		5042.505	17		
18						67.7		0.349		1935.825	68.8		1.535		3626.060	59.1		2.073		4981.332	18		
19						68.6		0.700		2003.725	68.1		1.323		3692.837	64.9		1.799		4914.633	19		
20						67.9		0.234		2071.391	69.3		1.610		3760.527	68.2		1.939		4844.494	20		
21	41.9		0.017		41.883	67.2		0.473		2138.118	67.6		1.003		3827.124	68.8		2.116		4773.578	21		
22	67.0		0.043		108.840	67.3		0.717		2204.701	66.2		1.406		3891.918	71.3		2.125		4700.153	22		
23	67.0		0.033		175.807	67.3		0.963		2271.038	66.2		1.300		3957.018	72.6		1.870		4625.682	23		
24	67.0		0.045		242.762	67.3		0.748		2295.760	67.4		1.888		4022.530	76.0		1.706		4527.913	24		
25	67.0		0.055		309.707	67.0		0.820		2294.940	74.3		1.577		4095.253	76.8		1.681		4469.432	25		
26	68.2		0.064		377.841	67.0		0.806		2294.134	78.0		0.888		4172.655	75.9		1.819		4391.713	26		
27	69.0		0.145		446.698	67.0		0.679		2293.455	74.3		0.908		4246.867	74.4		1.580		4315.733	27		
28	67.8		0.161		514.337	67.0		0.888		2292.567	68.3		0.872		4314.295	71.4		1.706		4242.687	28		
29	67.0		0.260		581.077	67.0		0.775		2333.792	66.2		0.583		4379.912	70.0		1.790		4170.837	29		
30	68.2		0.273		649.004	67.3		0.778		2400.314	66.3		1.454		4444.758	70.0		1.800		4099.037	30		
31	69.0		0.303		717.701						66.4		1.358		4509.800							31	
TOTAL	719.1		1.399			1698.5		15.887			2137.8		28.314			761.8	1120.0	52.563			TOTAL		
JULY 1971						MARCH 1972						APRIL 1972						MAY 1972					
1		70.0	1.845		4027.192								0.200		551.784	68.0		0.333		1011.108	1		
2		70.0	1.824		3955.368								0.194		551.590	66.5		0.400		1077.208	2		
3		70.0	1.873		3883.495								0.314		551.276	66.6		0.352		1143.456	3		
4		100.7	1.873		3780.922								0.243		551.033	66.7		0.543		1209.613	4		
5		119.0	1.951		3659.971								0.119		550.914	66.7		0.557		1275.756	5		
6	44.6		1.974		3613.397								0.231		550.683	66.7		0.506		1341.950	6		
7	0		1.789		3611.608								0.226		550.457	66.8		0.583		1408.167	7		
8	1.676		1.676		3609.932								0.221		550.236	66.9		0.521		1474.516	8		
9	1.556		1.556		3608.376								0.215		550.021	67.1		0.534		1541.022	9		
10	1.790		1.790		3606.586								0.210		549.811	67.3		0.836		1607.486	10		
11			2.038		3604.548								0.000		549.811	67.3		0.998		1673.788	11		
12			2.202		3602.346								0.149		549.662	67.1		1.173		1739.725	12		
13	3602.3				0								0.145		549.517	67.1		1.254		1805.471	13		
14													0.095		549.422	66.7		1.194		1872.877	14		
15						43.4		0.017		43.383			0.092		549.330	66.7		1.215		1936.362	15		
16						69.4		0.064		112.719			0.090		549.240	66.8		1.084		2002.078	16		
17						69.4		0.102		182.017			0.087		549.153	67.0		0.633		2068.445	17		
18						69.4		0.092		251.325			0.086		549.067	67.3		0.972		2134.773	18		
19						69.4		0.173		320.552			0.084		548.983	25.2		0.324		2159.649	19		
20						69.4		0.207		389.745			0.124		548.859	0		0.482		2159.167	20		
21						69.4		0.237		458.908			0.121		548.738			0.719		2158.448	21		
22						69.4		0.178		528.130	30.6		0.117		548.621			0.872		2157.576	22		
23						26.0		0.180		553.950	49.0		0.150		548.504			1.023		2156.553	23		
24								0.173		553.777	18.4		0.126		548.387			0.855		2155.697	24		
25								0.331		553.446			0.127		548.268	42.0		1.099		2156.598	25		
26								0.238		553.208	30.6		0.173		548.149			1.118		2222.780	26		
27								0.229		552.979	61.5		0.229		548.030	67.3		1.221		2328.859	27		
28								0.295		552.684	68.8		0.194		547.911	67.3		1.325		2394.834	28		
29								0.216		552.468	68.8		0.204		547.792	67.3		1.349		2460.785	29		
30								0.280		552.188	68.6		0.267		547.673	25.2		1.434		2484.551	30		
31								0.204		551.984								1.339		2483.212	31		
TOTAL		4076.6	22.391			555.2		3.216			396.3		4.843			1566.7		26.929			TOTAL		
JUNE 1972						APRIL 1973						MAY 1973						JUNE 1973					
1			1.244		2481.968	44.4		0.011		44.389	12.0				726.309	77.6		0.262		1732.020	1		
2			0.985		2480.983	69.9		0.014		114.275	16.4		0.301		742.408	93.2		0.551		1824.669	2		
3			0.978		2480.005	69.2		0.031		183.444	27.8		0.272		769.936	93.2		0.604		1917.265	3		
4			1.133		2478.872	68.1		0.043		251.501	33.7		0.307		803.329	93.2		0.631		2009.834	4		
5			1.790		2477.082	67.4		0.067		318.834	25.0		0.248		828.081	35.0		0.613		2044.221	5		
6			1.224		2475.858	68.6		0.129		387.305	12.4		0.282		840.199	0		0.775		2043.446	6		
7	30.6		1.158		2505.300	70.4		0.149		457.566	16.6		0.282		856.517			0.822		2042.624	7		
8	87.5		1.430		2551.370	71.0																	

TABLE C-13 (Cont'd)

TULARE IRRIGATION COMPANY
FROM KETCHUM DITCH

WATER YEAR 1973, 1974, 1975

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
JULY 1973						FOOTNOTES						MARCH 1974						APRIL 1974					
1	56.5	0.822			1999.159	a	53.3			53.300	54.6	0.031			411.669	1							
2	60.8	0.816			1937.543		69.2			122.500	91.0	0.104			502.565	2							
3	64.0	0.800			1872.748	b	80.6			203.100	45.5	0.071			547.994	3							
4	65.5	0.806			1806.437		73.4			276.500	51.6	0.146			599.448	4							
5	65.5	0.609			1740.328		23.1			299.600	72.4	0.193			671.655	5							
6	66.7	0.633			1672.995	c					71.2	0.122			742.733	6							
7	66.2	0.648			1606.147						70.4	0.169			812.964	7							
8	64.2	0.654			1541.293						70.4	0.263			883.101	8							
9	63.5	0.659			1477.134						71.7	0.091			954.710	9							
10	63.5	0.619			1413.015						71.2	0.187			1025.723	10							
11	63.5	0.559			1348.956	d					69.2	0.288			1094.635	11							
12	51.1	0.527			1297.329						69.7	0.296			1164.039	12							
13	47.6	0.519			1253.210						70.4	0.352			1234.087	13							
14	84.6	0.514			1168.096						70.4	0.459			1304.028	14							
15	109.1	0.459			1058.537						70.4	0.414			1374.014	15							
16	109.1	0.314			949.123						71.7	0.419			1445.295	16							
17	109.1	0.315			839.708						72.4	0.423			1517.272	17							
18	109.1	0.286			730.322						72.4	0.320			1589.352	18							
19	109.1	0.273			620.949						71.2	0.216			1660.336	19							
20	109.1	0.181			511.668						69.2	0.386			1729.150	20							
21	109.1	0.163			402.405						68.4	0.446			1797.104	21							
22	109.1	0.123			293.177						69.7	0.452			1866.252	22							
23	109.1	0.095			183.982						70.4	0.341			1936.411	23							
24	109.1	0.038			74.844						70.4	0.231			2006.580	24							
25	74.844				0						69.2	0.291			2075.489	25							
26											67.2	0.414			2142.275	26							
27											67.7	0.477			2209.498	27							
28							16.1			315.700	67.2	0.544			2276.154	28							
29							9.7			345.400	67.7	0.670			2343.184	29							
30							11.9			357.100	69.7	0.816			2412.068	30							
31																31							
TOTAL	2045.0	11.437					357.1				2064.6		9.632			TOTAL							
MAY 1974						JUNE 1974						JULY 1974						AUGUST 1974					
1	76.0	0.734			2487.334	1.758	547.6	4714.642		35.7	1.293	3214.631	79.3	0.915		1026.457	1						
2	88.1	0.657			2074.777	1.266	445.7	4267.556		34.5	1.358	3178.773	79.3	0.836		946.331	2						
3	93.2	0.672			2567.305	1.425	418.4	3851.731		32.5	1.265	3145.008	79.3	0.663		865.368	3						
4	93.2	0.613			2759.892	1.079	169.1	3694.000		20.6	1.490	3122.918	79.3	0.543		786.525	4						
5	84.6	0.677			2843.815	1.079	1.079	3694.000		13.9	1.555	3107.463	80.0	0.558		705.967	5						
6	88.1	0.783			2931.132	1.167	1.167	3694.000		13.9	1.330	3092.233	80.5	0.496		628.971	6						
7	106.9	0.857			3087.175	1.267	1.267	3694.000		54.8	1.230	3036.203	80.4	0.533		544.038	7						
8	120.1	0.972			3156.303	1.418	1.418	3694.000		79.3	1.230	2955.673	80.5	0.413		463.125	8						
9	123.0	0.967			3278.336	1.618	1.618	3694.000		79.3	1.015	2875.358	80.5	0.363		382.282	9						
10	124.2	0.898			3401.638	1.478	1.478	3694.000		79.3	0.962	2795.096	80.8	0.253		301.209	10						
11	123.8	0.952			3524.486	1.330	1.330	3694.000		79.3	1.122	2714.674	80.9	0.196		220.113	11						
12	123.0	1.010			3646.476	1.334	1.334	3694.000		79.3	1.175	2634.199	80.0	0.132		139.981	12						
13	123.0	0.954			3768.522	1.234	1.234	3694.000		79.3	1.231	2553.668	79.3	0.060		60.621	13						
14	123.0	0.961			3890.561	1.186	1.186	3694.000		79.3	1.178	2473.190	60.621			0.000	14						
15	123.0	1.088			4012.473	1.186	1.186	3694.000		79.3	1.125	2392.765					15						
16	123.0	0.976			4134.497	1.189	1.189	3694.000		79.3	1.073	2312.392					16						
17	119.3	0.995			4252.802	13.6	1.001	3679.399		79.3	1.186	2231.906					17						
18	102.2	0.762			4354.240	25.0	1.052	3652.847		79.3	1.352	2151.254					18						
19	83.8	0.710			4436.830	29.7	1.000	3622.847		79.3	1.303	2070.651					19						
20	73.7	1.051			4509.479	29.7	1.100	3592.047		79.3	1.145	1990.206					20						
21	75.2	1.270			4583.409	28.5	1.294	3562.253		79.3	1.097	1909.809					21						
22	79.9	1.427			4661.882	26.5	1.291	3534.462		79.3	1.215	1829.294					22						
23	83.8	1.376			4744.306	29.5	1.290	3503.672		79.3	1.391	1748.603					23						
24	90.3	1.465			4833.141	31.7	1.288	3470.684		79.3	1.138	1668.165					24						
25	111.8	1.760			4943.181	33.0	1.238	3436.446		79.3	1.176	1587.689					25						
26	123.0	2.057			5064.124	36.2	1.285	3398.961		79.3	1.063	1507.326					26						
27	124.2	1.920			5186.404	36.5	1.234	3361.227		79.3	0.933	1427.093					27						
28	123.8	1.908			5308.409	35.7	1.294	3323.994		79.3	0.887	1346.906					28						
29	123.0	1.684			5429.725	34.5	1.484	3288.010		79.3	0.489	1267.117					29						
30	123.0	1.710			5551.015	35.0	1.386	3251.624		79.3	0.960	1186.357					30						
31	123.0	1.742			5674.000					79.3	0.885	1106.672					31						
TOTAL	3295.7	35.495	408.273			424.9	38.610	1592.3		2109.1	35.852		1100.73	5.951		TOTAL							
MARCH 1975						APRIL 1975						MAY 1975						JUNE 1975					
1					72.4	0.253		1134.110	66.2	0.784	2190.024	117.3	1.904		5215.234	1							
2					25.1	0.336		1158.874	65.4	0.701	2254.723	132.9	1.535		5346.599	2							
3					0.0	0.245		1158.629	65.4	0.703	2319.420	132.9	1.710		5477.789	3							
4					41.9	0.246		1200.283	65.5	0.615	2384.306	120.5	2.111		5596.178	4							
5					67.0	0.084		1267.199	65.5	0.708	2449.097	113.1	1.964		5707.314	5							
6					67.0	0.171		1334.028	65.5	0.805	2513.792	111.8	1.984		5817.130	6							
7					25.1	0.257		1358.871	65.5	0.903	2578.389	111.1	1.933		5926.297	7							
8					0.0	0.084		1358.787	65.5	0.904	2642.985	109.9	2.119		6034.078	8							
9	43.4	0.000			43.400	0.082		1358.705	66.7	0.954	2708.731	110.4	2.390		6142.088	9							
10	75.6	0.000			119.000	0.480		1358.275	73.7	0.977	2781.454	104.9	2.580		6244.408	10							
11	29.8	0.032			148.768	0.384		1357.841	86.1	0.788	2866.766	96.2	2.118		6338.490	11							
12	0.0	0.032			148.736	0.460		1357.381	108.6	1.122	2974.244	92.0	2.675		6427.815	12							
13	49.6	0.041			138.295	0.375		1357.006	121.5	1.269	3094.475	87.5	2.626		6512.689	13							
14	29.8	0.065			128.050	0.150		1358.756	123.0	1.216	3216.230	80.0	2.291		6592.368	14							
15	0.0	0.068			227.962	0.232		1465.524	123.0	0.902	3338.328	92.5	2.402		6689.496	15							
16	49.6	0.102			277.460	0.231		1490.393	123.0	1.052	3460.276	80.8	2.288		6768.068	16							
17	29.8	0.065			307.205	0.231		1500.099	123.0	1.204	3582.072	57.1	2.280		6822.068	17							
18	0.0	0.106			307.099	0.523		1489.576	123.0	1.345	3703.727	17.8	1.										

TABLE C-13 (Cont'd)

TULARE IRRIGATION COMPANY
FROM KETCHUM DITCH

WATER YEAR 1975

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	JULY 1975					AUGUST 1975															DAY
1		9.9	1.864		6449.017	178.5	2.969			4178.736											1
2	1.2	3.7	2.095		6444.422	178.5	2.964			3997.272											2
3	6.9	0.0	2.026		6440.296	178.5	2.685			3816.087											3
4	9.9		2.151		6457.045	178.5	3.085			3634.502											4
5	9.9		2.276		6464.669	178.5	2.682			3453.320											5
6	9.9		2.603		6471.966	178.5	2.001			3272.819											6
7	9.9		2.340		6479.526	178.5	1.860			3092.459											7
8	9.9		2.583		6486.843	178.5	2.378			2911.521											8
9	3.7	34.7	1.149		6454.694	178.5	1.869			2731.212											9
10		55.5	2.835		6396.359	178.5	2.193			2550.519											10
11		55.5	2.650		6338.209	178.5	1.905			2370.114											11
12		55.5	2.789		6279.920	178.5	1.872			2189.742											12
13		55.5	2.714		6221.706	178.5	1.498			2009.744											13
14		55.5	2.756		6163.450	178.5	1.665			1829.579											14
15		55.5	2.082		6109.928	178.5	1.369			1649.710											15
16		55.5	2.063		6048.369	178.5	1.074			1470.136											16
17		55.5	2.457		5990.408	178.5	1.098			1290.538											17
18		55.5	2.510		5932.398	178.5	0.456			1111.582											18
19		55.5	2.568		5874.330	178.5	0.651			923.431											19
20		55.5	2.752		5816.078	178.5	0.698			753.233											20
21		55.5	3.307		5757.271	178.5	0.512			574.221											21
22		55.5	3.227		5698.544	178.5	0.338			395.383											22
23		55.5	3.408		5639.636	178.5	0.226			216.657											23
24		55.5	3.479		5580.657	178.5	0.043			38.114											24
25		128.91	3.909		5447.836	38.1	0.000			0.000											25
26		178.5	3.499		5265.837																26
27		178.5	2.946		5084.391																27
28		178.5	2.541		4901.350																28
29		178.5	2.587		4722.303																29
30		178.5	2.681		4541.122																30
31		178.5	2.417		4360.205																31
TOTAL	61.3	2080.7	81.164			4322.1	38.091														TOTAL
DAY																					DAY
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
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27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL
DAY																					DAY
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
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9																					9
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TOTAL																					TOTAL

TABLE C-14

ELK BAYOU DITCH COMPANY

WATER YEAR 1975

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	MAY 1975					JUNE 1975					JULY 1975										DAY
1						396.7		1.888		5172.043			2.444		8455.551						1
2						396.7		1.596		5567.145			2.748		8452.803						2
3						388.0		1.858		5953.287			2.654		8450.149						3
4						384.2		2.389		6335.098			2.814		8447.135						4
5						392.3		2.314		6725.084			2.973		8444.362						5
6						379.4		2.423		7102.061			3.395		8440.967						6
7						368.9		2.436		7468.525			3.047		8437.920						7
8						329.3		2.737		7795.088			3.358		8434.562						8
9						321.7		3.157		8113.631			3.501		8433.061						9
10						281.7		3.467		8391.864			3.736		8429.325						10
11						113.1		2.841		8502.123			3.523		8425.802						11
12						11.2		3.542		8509.781			3.741		8422.061						12
13	119.0		0.049		118.951			3.429		8506.352			3.672		8418.389						13
14	702.1		0.163		420.888	0.0		2.952		8503.400			3.763		8414.626						14
15	346.7		0.207		767.381			3.053		8500.347			2.785		8411.841						15
16	316.0		0.329		1083.052			2.822		8497.525			2.868		8408.973						16
17	274.5		0.456		1357.096			2.838		8494.687			3.448		8405.525						17
18	326.6		0.611		1683.085			2.396		8492.291			3.556		8401.969						18
19	386.4		0.799		2068.686			2.412		8489.879			3.672		8398.297						19
20	218.2		0.537		2286.349			2.318		8487.561			3.972		8394.325						20
21	41.7		0.633		2327.416			2.682		8484.879			4.818		8389.507						21
22	0.0		0.717		2326.699			3.046		8481.833			4.748		8384.759						22
23			0.840		2325.859			2.943		8478.890			5.064		8379.695						23
24			0.823		2325.036			2.603		8476.287			5.221		8374.474						24
25	195.9		0.913		2520.023			2.272		8474.015			6.004		8368.470						25
26	348.2		1.056		2867.167			2.881		8471.134			5.557		8368.011						26
27	368.9		1.210		3234.877			3.253		8467.881			4.842		8358.071						27
28	368.9		1.369		3602.388			3.277		8464.604			4.329		8353.742						28
29	386.4		1.667		3987.121			3.538		8461.066			4.503		8349.239						29
30	396.7		1.775		4382.046			3.071		8457.995			4.926		8344.311						30
31	396.7		1.515		4777.231								4.623		8339.640						31
TOTAL	4792.9		15.669			3763.2		82.436					118.305								TOTAL
DAY																					DAY
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TOTAL																					TOTAL

TABLE C-15

WATER YEAR 1971, 1972

FLEMING DITCH COMPANY
FROM LOWER KANEAR

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
DAY	MARCH 1971					APRIL 1971					MAY 1971					JUNE 1971					DAY	
1						15.8	0.020			52.769	15.6	0.190			526.643	14.6	0.290			1136.266	1	
2						16.1	0.034			68.835	14.9	0.167			541.376	14.6	0.313			1150.553	2	
3						15.8	0.030			84.605	15.0	0.088			556.328	14.5	0.327			1164.716	3	
4						15.5	0.056			100.049	15.3	0.072			571.556	14.4	0.359			1178.757	4	
5						15.1	0.061			115.088	15.6	0.096			587.060	14.0	0.428			1192.329	5	
6						15.0	0.039			130.049	15.2	0.048			602.212	22.2	0.380			1214.149	6	
7						15.8	0.028			145.821	14.6	0.000			616.812	16.9	0.417			1220.632	7	
8						16.3	0.044			162.077	15.2	0.119			631.893	10.6	0.468			1240.764	8	
9						15.8	0.062			177.815	15.0	0.190			646.703	3.9	0.345			1241.319	9	
10						15.5	0.080			193.235	14.8	0.190			661.313	5.4	0.315			1235.604	10	
11						15.1	0.066			208.269	14.6	0.237			675.676	4.6	0.456			1230.548	11	
12						14.6	0.084			222.785	14.2	0.235			689.641	4.0	0.454			1226.094	12	
13						14.7	0.051			237.434	19.8	0.235			709.206	4.0	0.425			1221.669	13	
14	6.2		0.001		6.199	15.4	0.035			252.799	25.6	0.141			734.665	3.5	0.440			1217.729	14	
15	9.9		0.004		16.095	15.9	0.090			268.609	26.9	0.212			761.353	3.2	0.536			1213.997	15	
16	9.9		0.012		25.993	15.7	0.129			284.180	26.8	0.140			788.013	3.2	0.507			1210.286	16	
17	9.9		0.000		35.833	14.9	0.019			299.061	26.9	0.283			814.630	2.4	0.524			1207.362	17	
18	9.9		0.021		45.762	15.1	0.057			314.104	27.1	0.356			841.374	2.0	0.501			1204.861	18	
19	9.9		0.024		55.638	15.6	0.115			329.589	27.2	0.311			868.265	2.0	0.440			1202.421	19	
20	9.9		0.028		65.510	15.7	0.039			345.250	27.2	0.385			895.080	1.6	0.480			1200.341	20	
21	9.9	0.0	0.031		75.379	16.0	0.080			361.170	27.2	0.242			922.038	8.7	0.528			1191.117	21	
22	2.7	7.4	0.028		71.651	16.5	0.123			377.547	19.1	0.340			940.798	5.0	0.536			1185.577	22	
23	0	11.9	0.011		59.740	16.5	0.167			393.880	14.0	0.265			954.533	0.1	0.479			1184.998	23	
24	11.9	0.009	0.006		47.831	16.7	0.085			410.495	22.2	0.458			976.275	0	0.461			1184.537	24	
25	11.9	0.006	0.006		35.925	17.2	0.153			427.542	27.1	0.386			1002.989	0.2	0.446			1184.291	25	
26	11.9	0.004	0.004		24.021	17.5	0.156			444.886	27.0	0.145			1029.844	0.2	0.486			1172.805	26	
27	11.9	0.004	0.004		12.117	17.1	0.137			461.849	27.0	0.024			1056.820	17.9	0.483			1154.482	27	
28	0	11.9	0.000		0.217	17.0	0.185			478.664	21.7	0.218			1078.302	16.5	0.481			1137.524	28	
29	5.6		0.003		5.814	16.7	0.165			495.199	15.8	0.146			1093.956	15.5	0.481			1121.547	29	
30	15.7		0.009		21.505	16.2	0.166			511.233	14.3	0.362			1107.894	15.4	0.486			1105.657	30	
31	15.5		0.016		36.989						14.4	0.338			1121.956						31	
TOTAL	116.0	78.8	0.211			476.8	2.556				617.3	6.577				126.1	129.2	13.199			TOTAL	
DAY	JULY 1971					AUGUST 1971					SEPTEMBER 1971					OCTOBER 1971					DAY	
1		15.3	0.499		1089.858	22.7	0.619			677.342	57.8	0.206			204.663						1	
2		15.2	0.495		1074.163	17.6	0.590			659.152	58.0	0.127			146.536						2	
3		15.2	0.510		1058.453	12.6	0.566			645.986	64.5	0.085			81.948						3	
4		14.8	0.517		1043.136	15.3	0.505			630.181	65.7	0.021			16.227						4	
5		14.8	0.568		1027.768	0	1.3	0.526		628.355	69.4	0.413			313.765						5	
6		22.9	0.548		1003.320	6.3	0	0.555		634.100	0	0.094			281.771						6	
7		27.9	0.485		974.327	0	1.9	0.620		631.580	68.4	0.207			173.164						7	
8		26.6	0.440		947.897	0	9.9	0.589		621.091	70.4	0.126			102.638						8	
9		25.8	0.397		921.700	0	9.6	0.602		610.889	72.2	0.039			30.399						9	
10		24.2	0.445		897.055	2.8	0	0.673		613.016	30.399										10	
11		23.0	0.494		873.561	9.6	0	0.616		622.000											11	
12		22.7	0.520		850.341	2.6	0.640			618.760											12	
13		18.6	0.572		831.169	5.0	0.610			613.150											13	
14		18.1	0.556		812.513	0.7	0.636			611.814											14	
15		16.4	0.425		795.688	0	0	0.664		611.150											15	
16		14.7	0.507		780.461	1.5	0	0.640		612.010											16	
17		17.2	0.220		763.061	0	9.9	0.601		601.599											17	
18		22.6	0.409		739.962	4.6	0.626			596.283											18	
19		23.6	0.519		715.844	5.4	0.587			590.296											19	
20		17.4	0.495		697.948	8.5	0.471			581.325											20	
21	0	7.1	0.477		690.371	9.6	0.543			571.176											21	
22	5.5	0	0.519		695.352	14.3	0.416			556.460											22	
23	10.5	0	0.515		705.337	18.7	0.415			537.245											23	
24	10.5	0	0.538		715.299	17.8	0.414			519.131											24	
25	3.2	0	0.469		718.030	14.3	0.486			504.345											25	
26	2.9	0	0.574		720.356	12.0	0.562			491.783											26	
27	2.9	0	0.531		722.725	16.3	0.491			474.992											27	
28	0.1	0	0.611		722.214	36.9	0.266			437.826											28	
29	0	3.1	0.462		718.652	42.7	0.371			394.755											29	
30	9.8	7.0	0.539		711.113	63.6	0.267			330.688											30	
31		9.8	0.652		700.661	67.8	0.217			262.671											31	
TOTAL	35.6	425.0	15.596			20.2	441.8	16.390			667.351	628.70	1.323			102.2		0.296			TOTAL	
DAY	NOVEMBER 1971					DECEMBER 1971					FEBRUARY 1972					MARCH 1972					DAY	
1	7.9		0.053		109.751	19.3	0.184			562.126								0.013			29.598	1
2	7.9		0.056		117.595	16.6	0.000			578.726								0.013			29.585	2
3	7.9		0.060		125.435	15.9	0.															

TABLE C-15 (Cont'd)

FLEMING DITCH COMPANY
FROM LOWER KAWEAH

WATER YEAR 1972, 1973

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
DAY	APRIL 1972					MAY 1972					JUNE 1972					JULY 1972					DAY	
1	35.7		0.073		200.197		78.1	0.079		240.721	16.5		0.351		700.356		6.9	0.633		741.685	1	
2	35.7		0.083		235.814		20.3	0.082		220.339	16.6		0.285		716.671	0.1		0.654		741.131	2	
3	28.1		0.150		263.768	14.7		0.072		234.967	17.2		0.289		733.582	7.4		0.729		747.862	3	
4	21.7		0.126		286.338	15.0		0.112		249.855	18.0		0.344		751.238	18.7		0.725		765.777	4	
5	23.1		0.066		308.372	15.0		0.116		264.739		10.3	0.535		740.403	24.6		0.724		789.653	5	
6	29.1		0.142		337.330	14.9		0.105		279.534	27.4		0.352		712.651	28.6		0.664		813.589	6	
7	30.1		0.152		370.278	15.3		0.122		294.712	22.4		0.319		689.932	11.6		0.701		824.488	7	
8	30.1		0.161		400.217	15.6		0.112		310.070	12.4		0.379		677.153	1.4	2.3	0.605		822.983	8	
9	25.3		0.166		425.351	16.0		0.130		326.070	9.3		0.243		667.610	14.1		0.732		808.151	9	
10	23.3		0.171		448.480	16.3		0.178		342.192	10.3		0.176		657.134	17.8		0.635		789.716	10	
11	21.9	0			470.380	16.3		0.214		358.278	8.4		0.308		648.426		26.2	0.793		762.723	11	
12	21.8		0.133		492.047	15.9		0.250		373.928	6.2		0.398		641.828		24.7	0.791		737.232	12	
13	21.7		0.136		513.611	15.5		0.270		389.158	8.5		0.398		632.930		20.2	0.854		716.178	13	
14	23.5		0.093		537.018	15.1		0.258		404.000	9.4		0.384		623.176		35.4	0.834		679.944	14	
15	22.2		0.094		559.124	14.9		0.263		418.637	9.2		0.352		613.624		29.4	0.702		649.842	15	
16	19.5		0.094		578.530	15.3		0.235		433.702	5.7		0.402		607.522		20.8	0.698		628.344	16	
17	18.8		0.095		597.235	15.7		0.138		449.264	3.6		0.408		603.514		24.7	0.575		601.069	17	
18	19.7		0.096		616.839	16.5		0.212		465.552	1.1		0.393		602.021		37.4	0.501		565.168	18	
19	22.5		0.098		639.241	17.0		0.072		482.480	10.3		0.410		611.911		33.7	0.433		531.035	19	
20	24.4		0.149		663.492	17.1		0.111		499.469	14.7		0.406		626.205	293.696	30.9	0.585		792.246	20	
21	21.7		0.151		685.041	17.8		0.172		517.097	13.8		0.428		639.577		34.0	0.663		758.583	21	
22	18.2		0.151		703.090	18.7		0.217		535.580	14.4		0.449		653.528		31.0	0.658		726.925	22	
23	17.0		0.199		719.891	19.0		0.263		554.317	23.5		0.389		676.639		22.6	0.695		703.630	23	
24	16.7		0.148		736.443	17.7		0.227		571.790	27.5		0.351		703.788		21.3	0.748		681.582	24	
25		47.6	0.136		688.707	16.9		0.294		588.396	26.8		0.511		730.077		28.9	0.747		651.935	25	
26	86.5	0.154			602.053	16.4		0.299		604.497	21.8		0.543		751.334		32.5	0.658		618.777	26	
27	87.3	0.160			514.593	16.1		0.325		620.272	17.6		0.573		768.361		32.5	0.720		585.557	27	
28	55.5	0.110			458.983	16.2		0.352		636.120	5.2		0.785		772.776		37.5	0.693		547.364	28	
29	62.1	0.093			396.790	16.3		0.358		652.062	11.7		0.773		760.393		38.9	0.366		508.098	29	
30	77.8	0.090			318.900	16.4		0.386		668.076	10.3		0.785		749.218		41.6	0.482		466.016	30	
31						16.5		0.369		684.207							46.3	0.508		419.208	31	
TOTAL	574.8	416.8	3.670				470.1	98.4	6.393			243.9	166.2	12.689			882.096	691.6	20.506		TOTAL	
DAY	AUGUST 1972					OCTOBER 1972					NOVEMBER 1972					APRIL 1973					DAY	
1	22.1	0.493			396.615								0.026		30.852		8.8	0.002		8.798	1	
2	48.8	0.555			347.260								0.019		30.833		14.3	0.003		23.095	2	
3	51.8	0.340			395.120								0.019		30.814		14.5	0.006		37.589	3	
4	51.8	0.330			190.922								0.006		30.808		14.7	0.009		52.280	4	
5	51.8	0.268			138.945								0.013		30.795		14.5	0.014		66.766	5	
6	51.8	0.177			89.527								0.012		30.783		14.4	0.027		81.139	6	
7	49.3	0.118			39.177								0.006		30.777		14.1	0.031		95.208	7	
8	50.3	0.050			19.749								0.000		30.777		21.0	0.116		116.092	8	
9	19.4	0.028			0								0.006		30.771		25.2	0.033		141.259	9	
10	19.749												0.006		30.765		23.1	0.049		164.310	10	
11													0.006		30.759		21.8	0.068		186.042	11	
12													0.006		30.753		21.8	0.073		207.769	12	
13													0.006		30.747		21.8	0.062		229.507	13	
14													0.000		30.747		21.8	0.050		251.257	14	
15													0.010		30.737		18.1	0.071		269.286	15	
16													0.000		30.737		15.6	0.074		284.812	16	
17													0.000		30.737		11.9	0.076		296.616	17	
18													0.006		30.731		11.9	0.078		308.458	18	
19													0.006		16.117		11.9	0.101		320.257	19	
20													0.004	14.608	16.113		11.9	0.125		332.032	20	
21																	11.9	0.151		343.781	21	
22																	11.9	0.154		355.527	22	
23																	10.7	0.148		366.079	23	
24							18.6	0.008		18.592							3.7	0.152		369.627	24	
25							12.4	0.021		30.971							1.2	0.165		370.662	25	
26								0.014		30.957											372.486	26
27								0.013		30.944							2.0	0.146		374.340	27	
28								0.013		30.931							2.0	0.154		376.186	28	
29								0.013		30.918							2.0	0.081		378.105	29	
30								0.020		30.898							2.0	0.095		380.010	30	
31								0.020		30.878												31
TOTAL		416.85	2.359				31.0		0.122				0.157	14.608			382.5		2.490		TOTAL	
DAY	MAY 1973					JUNE 1973					JULY 1973					FOOTNOTES					DAY	
1	0.7		0.141		380.569	6.7		0.083		546.787	14.9		0.186		451.122			a	Transferred from Fleming Ditch from Ketchum.		1	
2	1.2		0.155		361.614	6.0		0.167		552.580	19.1		0.182		431.840						2	
3	2.0		0.135		383.479	10.9		0.17														

TABLE C-15 (Cont'd)

WATER YEAR 1973, 1974, 1975

FLEMING DITCH COMPANY
FROM LOWER KAWAIA

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
OCTOBER 1973						NOVEMBER 1973						MARCH 1974						APRIL 1974					
1						11.9		0.223		465.078	12.4				12.400	16.1		0.008		103.492	1		
2						11.9		0.152		476.826	19.8				32.300	24.6		0.026		128.066	2		
3						11.9		0.154		488.572	19.8				52.000	22.6		0.020		150.646	3		
4						10.7		0.156		499.116	14.9				66.900	21.8		0.042		172.404	4		
5						9.9		0.237		508.779	4.5				71.400	21.8		0.056		194.148	5		
6						9.9		0.240		518.439						21.8		0.035		215.213	6		
7						12.4		0.244		530.595						21.8		0.049		237.664	7		
8	28.5		0.006		28.494	13.9	544.25	0.248		544.247						21.8		0.077		259.387	8		
9	43.2		0.046		71.648					0.000						21.8		0.027		281.160	9		
10	15.6		0.053		87.195											21.8		0.055		302.905	10		
11	18.8		0.064		105.931											15.6		0.084		318.421	11		
12	23.3		0.077		129.154											15.6		0.085		333.936	12		
13	24.0		0.120		153.034											20.3		0.101		354.135	13		
14	21.8		0.169		174.665											21.8		0.132		376.803	14		
15	20.6		0.149		195.116											21.8		0.120		397.483	15		
16	18.6		0.121		213.595											21.8		0.122		419.161	16		
17	16.6		0.215		229.500											21.8		0.123		440.838	17		
18	13.4		0.225		243.155											21.8		0.093		462.545	18		
19	11.9		0.234		254.821											21.8		0.063		484.282	19		
20	10.7		0.193		265.328											15.6		0.111		499.771	20		
21	9.9		0.049		275.179											11.9		0.127		511.544	21		
22	9.9		0.155		284.924											18.1		0.128		529.516	22		
23	21.1		0.162		305.862											21.8		0.097		551.219	23		
24	34.0		0.117		339.745											21.8		0.066		572.953	24		
25	27.8		0.125		367.420											15.6		0.082		588.471	25		
26	18.1		0.130		385.390											11.9		0.116		600.255	26		
27	15.9		0.201		401.089											11.9		0.132		612.023	27		
28	15.9		0.138		416.951						5.0				76.400	11.9		0.149		623.774	28		
29	13.4		0.110		430.110						5.0				79.400	11.9		0.182		635.492	29		
30	11.9		0.216		441.794						5.0				84.400	4.5		0.216		639.776	30		
31	11.9		0.293		453.401						5.0				87.400							31	
TOTAL	456.8		3.399			92.5	544.25	1.654			87.4					555.1		2.724				TOTAL	
MAY 1974						JUNE 1974						JULY 1974						AUGUST 1974					
1			0.189		639.587			0.198		591.802	15.9	0.164			406.703			0.247		276.586	1		
2			0.163		639.424			0.174		591.628	15.9	0.166			390.637			0.244		276.342	2		
3			0.161		639.263			0.161		591.430	15.9	0.151			374.586			0.211		276.131	3		
4			0.142		639.121			0.166	0.736	592.000	15.9	0.171			358.515			0.191		275.940	4		
5			0.161		638.960			0.173	0.173	592.000	13.4	0.173			344.942		0.1	0.218		275.622	5		
6			0.171		638.789			0.187	0.187	592.000	11.9	0.143			332.899		0.1	0.218		275.304	6		
7			0.180		638.609			0.203	0.203	592.000	11.9	0.130			320.869		0.0	0.269		275.035	7		
8			0.197		638.412			0.227	0.227	592.000	11.9	0.129			308.840		2.9	0.242		271.893	8		
9			0.188		638.224			0.259	0.259	592.000	11.9	0.105			296.835		12.1	0.247		265.446	9		
10			0.168		638.056			0.237	0.237	592.000	11.9	0.098			284.837		16.7	0.204		242.642	10		
11			0.172		637.884			0.213	0.213	592.000	4.5	0.116			280.221		17.9	0.200		224.542	11		
12			0.177		637.707			0.214	0.214	592.000		0.125			280.096		14.1	0.168		212.244	12		
13			0.161		637.546			0.198	0.198	592.000		0.135			279.961		17.9	0.174		192.170	13		
14			0.157		637.389			0.190	0.190	592.000		0.133			279.828		21.8	0.166		170.204	14		
15			0.173		637.216			0.190	0.190	592.000		0.132			279.696		21.8	0.155		148.249	15		
16			0.150		637.056			0.191	0.191	592.000		0.130			279.566		20.8	0.114		127.335	16		
17			0.149		636.917	11.2		0.128		580.642		0.148			279.418		19.0	0.109		108.226	17		
18			0.111		636.806	11.7		0.164		568.778		0.175			279.243		19.7	0.080		88.446	18		
19			0.102		635.504	14.1		0.153		554.525		0.176			279.067		20.5	0.062		67.884	19		
20	1.2		0.148		633.356	14.1		0.165		540.260		0.160			278.907		20.3	0.045		47.539	20		
21	2.0		0.175		631.181	6.9		0.194		533.166		0.160			278.747		22.6	0.062		24.913	21		
22	5.7		0.191		625.290	2.7		0.194		530.272		0.185			278.562		24.1	0.001		0.812	22		
23	7.9		0.179		617.211	8.2		0.192		521.880		0.221			278.341		0.812			0.000	23		
24	6.7		0.185		610.326	11.9		0.189		509.791		0.190			278.151						24		
25	6.0		0.215		604.111	11.9		0.179		797.712		0.206			277.945						25		
26	6.0		0.243		597.868	11.9		0.184		485.628		0.196			277.749						26		
27	2.2		0.220		595.448	14.4		0.173		471.055		0.181			277.568						27		
28	0.0		0.201		592.247	15.9		0.210		454.945		0.183			277.385						28		
29			0.185		595.062	15.9		0.198		438.847		0.107			277.278						29		
30			0.183		594.879	15.9		0.180		422.767		0.224			277.054						30		
31			0.183		592.000							0.221			276.833						31		
TOTAL	39.7		5.380	-2.696		166.7	5.751	3.218			141.0	4.934				273.212		3.621				TOTAL	
OCTOBER 1974						NOVEMBER 1974						DECEMBER 1974						JANUARY 1975					
1								0.003		13.890			0.003		17.771				0.003		17.693	1	
2								0.006		13.884			0.003		17.768				0.003		17.690	2	
3								0.003		13.881			0.006		17.763				0.003		17.687	3	
4								0.006		13.875			0.002		17.761				0.003		17.684	4	
5								0.003		13.872			0.003		17.758				0.003		17.681	5	
6								0.006		13.866			0.003		17.755		5.0		0.000		22.681	6	
7								0.005		13.861			0.000		17.752		3.0		0.000		25.681	7	
8								0.005		13.856			0.003		17.752		7.4		0.000		33.081	8	
9								0.005		13.853			0.003		17.749		11.9		0.000		44.981	9	
10								0.005		13.848			0.003		17.746		4.5		0.007		49.474	10	
11								0.005		13.843			0.003		17.743		0.0		0.007		49.467	11	
12								0.005</															

FLEMING DITCH COMPANY
FROM LOWER KAWAAN

QUANTITIES IN ACRE FEET

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TABLE C-16

WATER YEAR 1971, 1972

FLEMING DITCH COMPANY
FROM KETCHUM DITCH

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
APRIL 1971						MAY 1971						JUNE 1971						JULY 1971					
1								0.018		50.404			0.013		50.005			0.023		49.444	1		
2								0.016		50.388			0.014		49.992			0.023		49.421	2		
3								0.004		50.384			0.015		49.977		0	0.024		49.397	3		
4								0.006		50.378			0.015		49.962		6.4	0.028		55.769	4		
5								0.008		50.370			0.018		49.944		11.5	0.037		67.232	5		
6								0.004		50.366			0.016		49.928		12.2	0.043		79.389	6		
7								0		50.366			0.017		49.911		12.3	0.045		91.644	7		
8								0.010		50.356			0.019		49.892		12.3	0.048		103.896	8		
9								0.015		50.341			0.014		49.878		12.3	0.058		116.138	9		
10								0.015		50.326			0.013		49.865		12.3	0.064		128.374	10		
11								0.018		50.308			0.017		49.848		12.3	0.080		140.594	11		
12								0.017		50.291			0.018		49.830		12.3	0.093		152.801	12		
13								0.017		50.274			0.017		49.813		12.3	0.114		164.987	13		
14								0.010		50.264			0.018		49.796		12.3	0.121		177.166	14		
15								0.014		50.250			0.022		49.773		12.3	0.101		189.365	15		
16								0.009		50.241			0.021		49.752		12.3	0.131		201.534	16		
17								0.017		50.224			0.022		49.730		12.3	0.082		213.772	17		
18								0.021		50.203			0.021		49.709		12.3	0.152		225.920	18		
19								0.018		50.185			0.018		49.691		12.3	0.173		238.047	19		
20								0.022		50.163			0.020		49.671		12.3	0.177		250.170	20		
21								0.013		50.150			0.022		49.649		12.4	0.181		262.389	21		
22								0.018		50.132			0.022		49.627		12.5	0.205		274.684	22		
23								0.014		50.118			0.020		49.607		12.5	0.209		286.975	23		
24	6.3		0.001		6.299			0.024		50.094			0.019		49.588		11.5	0.224		298.051	24		
25	10.1		0.006		16.393			0.019		50.075			0.019		49.569		9.3	0.200		307.151	25		
26	10.1		0.009		26.484			0.007		50.068			0.021		49.548		9.7	0.252		316.599	26		
27	10.1		0.011		26.573			0.001		50.067			0.081		49.530		9.2	0.239		325.660	27		
28	10.1		0.018		46.085			0.010		50.057			0.020		49.510		8.5	0.282		333.878	28		
29	3.8		0.017		50.438			0.007		50.050			0.021		49.489		7.3	0.219		340.959	29		
30	0		0.016		50.422			0.016		50.034			0.022		49.467		6.6	0.264		347.295	30		
31								0.015		50.019								0.329		353.466	31		
TOTAL	50.5		0.078					0.403					0.552				308.2	4.201			TOTAL		
AUGUST 1971						SEPTEMBER 1971						NOVEMBER 1971						DECEMBER 1971					
1	6.4		0.329		359.537			0.374		368.533							5.3	0.030		90.187	1		
2	6.5		0.327		365.710			0.319		368.214							4.7	0.000		94.887	2		
3	6.5		0.326		371.884			0.392		367.821							4.7	0.000		99.587	3		
4	5.2		0.302		376.782			0.470		367.351							4.6	0.000		104.187	4		
5	1.6		0.316		378.066					0							4.6	0.017		108.770	5		
6	0		0.331		377.735												4.6	0.000		113.370	6		
7			0.371		377.364												4.7	0.018		118.052	7		
8			0.358		377.006												4.7	0.018		121.534	8		
9			0.371		376.635												3.5	0.037		124.197	9		
10			0.413		376.222												3.8	0.000		127.997	10		
11			0.373		375.849												3.2	0.000		131.197	11		
12			0.388		375.461							7.7	0.000		7.700		3.0	0.000		136.397	12		
13			0.373		375.088							9.8	0.000		17.500		2.5	0.000		138.897	13		
14			0.389		374.699							7.1	0.000		24.600		2.5	0.000		141.297	14		
15			0.407		374.292							5.2	0.006		29.794		4.0	0.021		145.376	15		
16			0.391		373.901							3.2	0.007		32.387		4.0	0.021		149.355	16		
17			0.373		373.528							3.7	0.014		36.673						17		
18			0.392		373.136							4.5	0.008		41.165						18		
19			0.371		372.765							3.3	0.017		44.448						19		
20			0.302		372.463							2.6	0.018		47.030						20		
21			0.358		372.105							2.5	0.018		49.512						21		
22			0.278		371.827							2.5	0.019		51.993						22		
23			0.287		371.510							2.5	0.020		54.473						23		
24			0.296		371.244							2.4	0.021		56.852						24		
25			0.358		370.886							2.4	0.011		59.241						25		
26			0.423		370.463							3.6	0.011		62.830						26		
27			0.382		370.081							4.8	0.000		67.630						27		
28			0.225		369.856							4.8	0.000		72.430						28		
29			0.347		369.509							5.9	0.013		78.317						29		
30			0.297		369.212							6.6	0.000		84.917						30		
31			0.305		368.907																31		
TOTAL	26.2		10.759					367.35	1.556			85.1	0.183				64.6	0.162			TOTAL		
MARCH 1972						APRIL 1972						MAY 1972						JUNE 1972					
1						10.5		0.036		99.174			0.108		327.711		12.1	0.214		427.505	1		
2						10.5		0.039		109.635			0.122		327.589		9.6	0.174		436.931	2		
3						10.4		0.058		119.967			0.101		327.488		9.5	0.176		446.255	3		
4						10.3		0.058		130.209			0.147		327.341		11.6	0.209		457.646	4		
5						10.3		0.030		140.479			0.143		327.198		12.3	0.339		469.607	5		
6						10.4		0.063		150.816			0.123		327.075		12.4	0.238		481.769	6		
7						10.5		0.066		161.250			0.135		326.940		4.7	0.225		486.244	7		
8						10.4		0.069		171.581			0.118		326.802		3.2	0.269		480.875	8		
9						10.3		0.071		181.810			0.130		326.662		8.2	0.172		472.503	9		
10						10.3		0.073		192.037			0.170		326.522		0.2	0.127		472.076	10		
11						10.3		0		202.337			0.195		326.327		4.2	0.226		476.959	11		
12						10.3		0.058		212.579			0.218		326.109		4.2	0.297		479.953	12		
13						10.3		0.059		222.820			0.226		325.883		0.3	0.302		479.951	13		
14						10.3		0.040		233.080			0.208		325.675		2.0	0.272		477.679	14		
15						10.3		0.041		243.339			0.204		325.471		2.0	0.273		475.406	15		
16						10.2		0.041															

TABLE C-16 (Cont'd)

FLEMING DITCH COMPANY
FROM KETCHUM DITCH

WATER YEAR 1972, 1973, 1974

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
JULY 1972						NOVEMBER 1972						JULY 1973						AUGUST 1973					
1		9.9	0.332		389.219												8.7	0.029		58.787	1		
2		12.6	0.332		376.287												7.9	0.029		46.858	2		
3		14.3	0.353		361.634												7.9	0.022		38.936	3		
4		14.3	0.329		347.005												7.9	0.022		31.014	4		
5		14.3	0.305		332.400												7.9	0.010		23.104	5		
6		14.3	0.260		217.840												7.9	0.010		15.194	6		
7		6.6	0.264		310.976												7.9	0.005		7.289	7		
8		2.0	0.227		308.749												7.289			0	8		
9		2.1	0.278		306.371																9		
10		2.2	0.245		303.926																10		
11		2.2	0.314		301.412	4.1		0.001		4.099											11		
12		2.2	0.321		298.891	5.3		0.002		5.397											12		
13		2.2	0.353		296.338	5.3		0.003		13.884											13		
14		0.8	0.362		295.176			0.000		13.894	7.4		0.004		7.396						14		
15			0.319		294.857			0.005		13.889	11.9		0.009		19.287						15		
16			0.327		204.530			0.000		13.889	11.9		0.011		31.176						16		
17			0.280		294.250			0.000		13.889	11.9		0.016		43.060						17		
18			0.261		293.989			0.003		13.886	11.9		0.021		54.939						18		
19			0.293		293.696			0.003		13.883	11.9		0.029		66.810						19		
20		293.696						0.003		13.880	11.9		0.028		78.682						20		
21																					21		
22																					22		
23																					23		
24																					24		
25																					25		
26																					26		
27																					27		
28																					28		
29																					29		
30																					30		
31																					31		
TOTAL		293.696	5.755			13.9		0.020			138.3	74.102	0.682			63.389	0.127				TOTAL		
OCTOBER 1973						NOVEMBER 1973						JULY 1974						AUGUST 1974					
1						4.6		0.062		128.636								0.042		46.926	1		
2						4.6		0.042		133.194								0.041		46.885	2		
3						4.6		0.043		137.751								0.036		46.849	3		
4						4.6		0.045		142.306								0.032		46.817	4		
5						4.6		0.068		146.838								0.037		46.180	5		
6						4.6		0.070		151.368								0.036		45.744	6		
7						4.6		0.072		155.896	7.4		0.003		7.397			0.045		45.699	7		
8	5.4		0.001		5.399	4.6		0.073		160.423	11.9		0.006		19.289			0.041		45.668	8		
9	8.5		0.009		13.890	4.6		0.073		0.000	11.9		0.011		31.178			2.5	0.041	43.117	9		
10	7.3		0.013		21.177	4.6	160.42				11.9		0.015		43.063			1.5	0.035	41.582	10		
11	5.3		0.016		26.461						4.5		0.020		47.543			0.0	0.037	41.545	11		
12	5.9		0.019		32.342						0.0		0.021		47.522			0.0	0.039	41.506	12		
13	5.6		0.030		37.912								0.023		47.499			0.038		41.468	13		
14	5.0		0.041		42.871								0.023		47.476			0.040		41.428	14		
15	6.0		0.037		48.834								0.022		47.454			0.043		41.385	15		
16	6.6		0.031		55.403								0.022		47.432			0.037		41.348	16		
17	5.2		0.056		60.547								0.025		47.407			0.042		41.306	17		
18	4.5		0.060		64.987								0.030		47.377			0.037		41.269	18		
19	4.6		0.064		69.523								0.030		47.347			0.038		41.231	19		
20	4.6		0.054		74.069								0.027		47.320			0.039		41.192	20		
21	4.6		0.014		78.655								0.027		47.293			0.043		41.149	21		
22	3.1		0.044		81.711								0.031		47.266			0.047		41.102	22		
23	4.9		0.046		86.565								0.038		47.224			0.027		22.887	23		
24	6.6		0.032		93.133								0.032		47.192			20.8	0.003	2.084	24		
25	5.2		0.033		98.300								0.035		47.157			2.084		0.000	25		
26	4.5		0.035		102.765								0.033		47.124						26		
27	4.6		0.054		107.311								0.031		47.093						27		
28	3.2		0.037		110.474								0.031		47.062						28		
29	4.6		0.038		115.036								0.018		47.044						29		
30	4.6		0.058		119.578								0.038		47.006						30		
31	4.6		0.080		124.098								0.038		46.968						31		
TOTAL	125.0		0.902			36.8	160.42	0.475			47.6		0.632			46.072	0.896				TOTAL		
FOOTNOTES						OCTOBER 1974						NOVEMBER 1974						DECEMBER 1974					
1	a Transferred to Fleming Ditch Company from Lower Kaweah.										6.0		0.006		27.484	4.0		0.024		161.265	1		
2											6.0		0.014		33.470	1.5		0.024		162.741	2		
3											6.0		0.008		39.462	0.0		0.048		162.693	3		
4	b Released because of encroachment in flood control space.										4.7		0.018		44.144			0.023		162.670	4		
5											4.0		0.010		48.134			0.023		162.647	5		
6											4.0		0.021		52.113			0.023		162.624	6		
7	c Diverted in Lower Kaweah.										4.0		0.022		56.091			0.000		162.624	7		
8											4.0		0.023		60.068			0.023		162.601	8		
9	d 33.094 released for diversion in Fleming Ditch (Lower Kaweah) and 79.200 released for diversion in Ketchum Ditch.										4.0		0.012		64.056			0.023		162.578	9		
10											4.0		0.026		68.030			0.023		162.555	10		
11											4.0		0.027		72.003			0.024		162.531	11		
12											4.0		0.028		75.975			0.023		162.506	12		
13											4.0		0.029		79.946			0.000		162.506	13		
14											4.0		0.010		83.916			0.023		162.485	14		
15											4.0		0.016		87.900			0.023		162.462	15		
16											4.0		0.016		91.884			0.023		162.439	16		
17											4.0		0.017		95.867			0.023		162.416	17		
18											4.0		0.018		103.832</								

TABLE C-16 (Cont'd)

FLEMING DITCH COMPANY
FROM KETCHUM DITCH

WATER YEAR 1975

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
JANUARY 1975						FEBRUARY 1975						APRIL 1975						MAY 1975					
1			0.000		162.131	5.2		0.055		170.957					6.398			0.046		129.216	1		
2			0.024		162.107	5.9		0.028		176.829		6.4		0.002		0.040		0.040		129.176	2		
3			0.024		162.083	8.4		0.000		185.229		10.3		0.004		16.694		0.039		129.137	3		
4			0.024		162.059	9.9		0.000		195.129		3.9		0.004		20.590		0.033		129.104	4		
5			0.024		162.035	9.9		0.032		204.997		0.0		0.001		20.589		0.037		129.067	5		
6			0.000		162.035	9.9		0.000		b 214.897		0.0		0.003		20.586		0.041		129.026	6		
7	1.2		0.000		162.035							6.4		0.005		26.981		0.045		128.981	7		
8	0.7		0.000		162.235							10.3		0.002		37.279		0.044		128.937	8		
9	0.0		0.000		163.935							10.3		0.003		47.576		0.045		128.892	9		
10			0.023		163.912							10.3		0.020		57.856		0.045		128.847	10		
11			0.024		163.888							10.3		0.019		68.137		0.035		128.812	11		
12			0.024		163.864							6.4		0.027		74.410		0.049		128.763	12		
13			0.024		163.840							3.9		0.022		78.288		0.053		128.710	13		
14			0.024		163.816							0.0		0.008		78.280		0.050		128.660	14		
15			0.024		163.792							0.0		0.012		78.268		0.035		128.625	15		
16			0.000		163.792							6.4		0.013		84.655		0.029		128.586	16		
17			0.024		163.768							10.3		0.019		94.936		0.043		128.543	17		
18			0.025		163.743							10.3		0.030		105.206		0.047		128.496	18		
19			0.025		163.718							10.3		0.040		115.466		0.050		128.446	19		
20			0.025		163.693							10.3		0.030		125.736		0.030		128.416	20		
21			0.000		163.693							3.9		0.037		129.599		0.035		128.381	21		
22			0.025		163.668							0.0		0.036		129.53		0.040		128.341	22		
23			0.025		163.643									0.036		129.527		0.046		128.295	23		
24			0.025		163.618									0.035		129.492		0.045		128.250	24		
25			0.050		163.568									0.040		129.452		0.046		128.204	25		
26			0.050		163.518									0.028		129.424		0.047		128.157	26		
27			0.025		163.493									0.039		129.385		0.048		128.109	27		
28			0.051		163.442									0.038		129.347		0.049		128.060	28		
29			0.051		163.391									0.043		129.304		0.054		128.006	29		
30			0.026		163.365									0.042		129.262		0.052		127.954	30		
31	2.5		0.053		165.812													0.041		127.913	31		
TOTAL	4.4		0.719			49.2		0.115				129.9		0.638				1.349			TOTAL		
JUNE 1975						JULY 1975						AUGUST 1975											
1			0.047		127.866			0.037		126.555			17.1	0.120		168.198					1		
2			0.037		127.829			0.041		126.514			17.9	0.111		150.187					2		
3			0.040		127.789			0.040		126.474			15.3	0.095		134.792					3		
4			0.048		127.741			0.042		126.432			17.6	0.099		117.093					4		
5			0.044		127.697			0.045		126.387			22.3	0.074		94.719					5		
6			0.044		127.653			0.051		126.336			22.6	0.044		72.075					6		
7			0.042		127.611			0.046		126.290			23.1	0.029		48.946					7		
8			0.045		127.566			0.050		126.240			8.9	0.033		40.013					8		
9			0.050		127.516	7.4		0.022		133.618			0.0	0.027		39.986					9		
10			0.053		127.463	11.9		0.064		145.454	7.4			0.041		47.345					10		
11			0.043		127.420	11.9		0.066		157.288				0.042		51.803					11		
12			0.053		127.367	11.9		0.075		169.113	4.5		12.4	0.034		39.369					12		
13			0.051		127.316	11.9		0.079		180.934			19.8	0.015		19.554					13		
14			0.044		127.272	11.9		0.086		192.748			14.9	0.004		4.650					14		
15			0.046		127.226	11.9		0.068		204.580			4.650			0.000					15		
16			0.042		127.184	11.9		0.074		126.406											16		
17			0.042		127.142	11.9		0.094		228.212											17		
18			0.036		127.106	11.9		0.102		240.010											18		
19			0.036		127.070	11.9		0.110		251.800											19		
20			0.035		127.035	11.9		0.125		263.575											20		
21			0.040		126.995	11.9	9.29	0.152		266.029											21		
22			0.046		126.949	11.9	11.9	0.151		265.878											22		
23			0.044		126.905	11.9	11.9	0.161		265.717											23		
24			0.039		126.866		2.5	0.164		263.053											24		
25			0.034		126.832		12.6	0.180		250.273											25		
26			0.043		126.789		10.4	0.159		239.714											26		
27			0.049		126.740		2.2	0.138		237.376											27		
28			0.049		126.691		7.4	0.119		229.857											28		
29			0.053		126.638		13.1	0.117		216.640											29		
30			0.046		126.592		15.1	0.119		201.421											30		
31						45.9	0.103			185.418											31		
TOTAL			1.321			174.0	112.29	2.880				11.9	196.55	0.768							TOTAL		
JUNE 1975						JULY 1975						AUGUST 1975											
1																					1		
2																					2		
3																					3		
4																					4		
5																					5		
6																					6		
7																					7		
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18																					18		
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20																					20		
21																					21		
22																							

TABLE C-17

KANEHAWA DELTA WATER CONSERVATION DISTRICT

WATER YEAR 1973, 1974

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY			
APRIL 1973						MAY 1973						JUNE 1973						JULY 1973						DAY
1		660.5	3.204		12761.296	449.6	267.6	1.435		3865.648	287.2	937.7	2.149		14134.046		130.2	4.385		10667.070	1			
2		820.2	1.469		11939.627	449.6	268.8	1.477		3644.971		1210.2	3.903		12919.943		121.3	4.398		10441.372	2			
3		735.9	1.916		11201.811	449.6	258.9	1.213		3434.458		1847.8	3.614		11468.529		102.9	4.414		10734.058	3			
4		819.8	1.762		10260.240	449.6	229.6	1.243		2523.215		1054.5	3.270		10410.759		108.1	4.561		10221.397	4			
5		925.5	1.991		9412.758	18.6	220.2	0.915		3050.700		1288.6	3.737		9119.422		114.6	3.527		10103.260	5			
6		1017.5	2.793		8412.465		237.3	0.942		2812.458		129.7	88.5	3.472	9157.159		108.1	3.778		9991.382	6			
7		1089.2	2.380		7320.895		245.2	0.845		2566.413		1256.9	4.186		10409.864		135.2	3.972		9851.210	7			
8		1116.1	1.967		6202.818		166.6	0.847		2398.966		1716.9	4.972		12121.792		192.0	4.096		9655.114	8			
9		1192.7	1.157		5008.961	1.2		0.884		2389.382		1299.9	4.590		13417.102		236.6	4.200		9415.314	9			
10		692.1	1.295		4315.566	627.9		1.237		3016.045		522.0	4.586		13934.516		161.9	4.052		9248.361	10			
11		249.5	1.476		4064.590		1269.4	1.671		4383.774		61.0	116.3	4.205	13875.511		143.8	3.769		9100.792	11			
12	49.6	73.5	1.410		4079.280	1506.1		2.103		5887.771		495.8	3.706		13375.505		215.5	3.581		8881.711	12			
13	49.6	9.9	1.105		4077.875	1551.0		2.299		7436.472		690.4	4.047		12681.068		265.8	3.567		8612.384	13			
14	49.6	33.4	0.815		4093.260	1959.7		2.490		9393.682		1048.0	4.269		11629.789		108.8	3.653		8296.891	14			
15	49.6	76.7	1.069		4065.091	1075.3		4.554		10464.428		469.0	2.857		11157.932		337.3	3.443		7959.148	15			
16	49.6	6.2	1.072		4107.419	891.3	320.7	5.285		11029.743		9.9	2.854		11145.378		332.1	2.525		7624.523	16			
17	49.6	5.8	1.063		4150.156	1140.1	178.1	4.712		11987.031		9.9	3.452		11121.826		362.5	2.723		7259.300	17			
18	49.6	34.8	1.054		4167.902	1299.5	71.2	5.180		13210.151		3.7	3.294		11124.832		349.0	2.702		6907.598	18			
19	49.6	43.5	1.309		4168.693	1276.2	88.3	5.385		14392.666		62.0	3.562		11059.270		321.1	2.898		6483.600	19			
20	49.6	59.8	1.564		4156.929	1034.7	311.0	4.898		15111.468		99.2	4.658		10955.412		317.4	2.218		6262.982	20			
21	49.6	113.3	1.796		4091.433	733.1	552.5	4.802		15287.266		99.2	5.135		10851.077		332.3	2.403		5929.279	21			
22	49.6	126.1	1.755		4013.178	531.0	681.5	4.359		15132.407		124.0	4.216		10722.861		348.6	2.484		5578.235	22			
23	49.6	69.5	1.609		3991.669	583.8	634.9	4.464		15076.843		168.5	3.293		10550.968		345.7	2.292		5230.243	23			
24	49.6	14.9	1.659		4024.710	585.0	610.8	4.109		15046.934		195.9	3.521		10359.547		353.6	2.497		4874.146	24			
25	49.6		1.817		4072.493	189.7	724.2	4.002		14393.843		191.0	3.833		10441.814		379.6	2.539		4492.007	25			
26	49.6		1.942		4120.151	192.0	633.6	4.214		13948.129		350.9	3.289	4.052	10629.862		388.3	2.573		4101.134	26			
27	49.6		1.626		4168.125	823.6	444.9	3.272		14321.557		307.3	141.4	3.973	10791.689		401.7	2.331		3697.102	27			
28	49.6	31.0	1.717		4185.008	1072.8	500.2	5.794		14888.363		259.9	148.8	4.470	10898.319		409.4	1.910		3285.793	28			
29	49.6	62.0	0.899		4171.709	718.0	780.0	4.833		14821.530		24.8	74.4	4.220	10844.499		415.6	1.670		2868.524	29			
30	49.6	135.2	1.026		4085.083	713.5	745.2	3.135		14786.695		138.9	3.984		10701.615		410.0	1.220		2457.303	30			
31																	449.4	1.120		2016.783	31			
TOTAL	2342.4	10224.6	47.717			20637.4	9837.2	98.588			6407.54	0778.5	14.080				8589.4	95.432			TOTAL			
AUGUST 1973						OCTOBER 1973						NOVEMBER 1973						MARCH 1974						DAY
1		447.8	0.817		1568.166			0.342		382.129			0.180		375.205		120.2	0.000		120.200	1			
2		442.9	0.698		1124.568			0.341		381.788			0.119		375.086		332.6	0.000		452.800	2			
3		274.5	0.491		849.577			0.340		381.448			0.118		374.968		290.2	0.000		743.000	3			
4		138.8	0.510	200.0	710.267			0.339		381.109			0.117		374.851		162.2	0.000		905.200	4			
5		120.5	0.170		389.597			0.338		380.771			0.175		374.676		49.1	0.000		954.300	5			
6		90.5	0.187		298.910			0.168		380.603			0.173		374.503						6			
7		108.2	0.126		190.584			0.000		380.603			0.172		374.331						7			
8		119.0	0.047		71.537			0.081		380.522			0.170		374.161						8			
9		71.5			0			0.243		380.579		374.16			0.000						9			
10								0.233		380.046											10			
11								0.230		379.816											11			
12								0.226		379.590											12			
13								0.297		379.293											13			
14								0.366		378.927											14			
15								0.289		378.638											15			
16								0.214		378.424											16			
17								0.353		378.071											17			
18								0.349		377.722											18			
19								0.346		377.376											19			
20								0.275		377.101											20			
21								0.068		377.033											21			
22								0.204		376.829											22			
23								0.159		376.630											23			
24								0.130		376.500											24			
25								0.128		376.372											25			
26								0.127		376.245											26			
27								0.188		376.057											27			
28								0.124		375.933											28			
29								0.123		375.810											29			
30								0.183		375.627											30			
31								0.242		375.385											31			
TOTAL		2813.7	3.046	200.0			7.086					374.16	1.244				336.3	0.000			TOTAL			
APRIL 1974						MAY 1974						JUNE 1974						JULY 1974						DAY
1	813.5		0.165		2176.635	5448.9		2.679		9078.752	120.3	102.2	4.617		13807.321		242.8	3.884		9646.330	1			

KAWAHAU DELTA WATER CONSERVATION DISTRICT

QUANTITIES IN ACRE FEET

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TABLE C-18

WATER YEAR 1971, 1972

OAKES DITCH COMPANY
FROM LOWER KAWAHEH

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	MARCH 1971					APRIL 1971					MAY 1971					JUNE 1971					DAY
1						14.3	0.020			51.150	14.0	0.168			465.890	12.9		0.260		1020.838	1
2						14.5	0.032			65.618	13.3	0.148			479.042	13.0		0.281		1033.557	2
3						14.5	0.028			79.790	13.7	0.042			492.700	12.9		0.302		1046.155	3
4						14.1	0.053			93.837	13.6	0.064			506.236	12.8		0.322		1058.633	4
5						13.6	0.057			107.380	12.0	0.085			520.151	12.0		0.385		1072.248	5
6						13.7	0.036			121.044	13.5	0.042			533.609	18.2		0.341		1090.107	6
7						14.3	0.026			135.318	12.0	0.0			546.409	0.1	3.5	0.371		1094.336	7
8						14.4	0.041			149.677	13.3	0.105			559.604	5.1	3.7	0.410		1088.226	8
9						14.2	0.057			163.820	13.4	0.169			572.835	5.4	5.4	0.301		1082.825	9
10						13.8	0.074			177.546	13.2	0.168			585.867	5.4	5.4	0.275		1077.150	10
11						13.3	0.060			190.786	12.8	0.210			598.457	4.8	4.8	0.365		1072.385	11
12						13.1	0.077			203.809	12.7	0.208			610.949	3.6	3.6	0.396		1068.388	12
13						12.8	0.047			216.562	12.2	0.206			622.943	3.4	3.4	0.371		1064.618	13
14						13.4	0.032			229.930	20.8	0.124			634.619	3.4	3.4	0.383		1060.835	14
15						14.1	0.082			243.948	26.1	0.186			669.533	3.4	3.4	0.466		1056.969	15
16						13.9	0.117			257.731	26.0	0.124			-695.409	3.4	3.4	0.442		1053.127	16
17						13.2	0.017			270.914	26.1	0.250			-721.259	2.5	2.5	0.456		1050.171	17
18						13.4	0.051			284.263	26.2	0.316			747.142	2.0	2.0	0.436		1047.735	18
19						13.8	0.104			297.959	26.3	0.277			773.165	3.3	3.3	0.382		1044.053	19
20						14.5	0.035			312.424	26.4	0.342			799.224	11.7	11.7	0.413		1031.940	20
21						14.8	0.072			327.152	26.4	0.216			825.408	16.0	16.0	0.450		1015.490	21
22						14.8	0.111			341.581	17.8	0.304			842.904	15.0	15.0	0.452		1000.038	22
23						15.3	0.151			356.900	12.6	0.238			855.266	14.1	14.1	0.398		985.540	23
24						15.5	0.078			372.412	21.1	0.411			875.955	13.4	13.4	0.378		971.762	24
25						14.0	0.138			386.274	26.2	0.347			901.808	13.1	13.1	0.361		958.301	25
26						10.6	0.139			396.735	26.2	0.131			927.877	13.2	13.2	0.391		944.710	26
27						13.2	0.121			409.814	26.2	0.022			954.055	13.0	13.0	0.341		931.369	27
28						13.7	0.164			423.350	17.3	0.196			971.159	12.0	12.0	0.370		918.999	28
29			0.004		9.096	14.2	0.145			437.405	12.4	0.131			983.428	11.6	11.6	0.389		907.010	29
30	9.1		0.010		23.086	14.8	0.147			452.058	12.7	0.304			995.802	11.7	11.7	0.393		894.917	30
31	13.8		0.016		36.870										1008.198						31
TOTAL	36.9		0.030			147.5	2.312				562.0	5.860				91.9	193.9	11.281			TOTAL
DAY	JULY 1971					AUGUST 1971					FEBRUARY 1972					MARCH 1972					DAY
1	11.8		0.405		882.712	25.3	0.212			231.571						0.008				19.783	1
2	11.8		0.402		870.510	25.1	0.185			206.286						0.009				19.774	2
3	11.7		0.414		858.396	25.0	0.159			181.127						0.004				19.770	3
4	11.5		0.419		846.477	25.0	0.125			156.002						0.008				19.762	4
5	13.0		0.460		833.017	25.1	0.109			130.793						0.006				19.754	5
6	22.0	0.443			810.574	25.2	0.092			105.501	12.4	0			12.400	0.008				19.746	6
7	26.8	0.368			783.386	25.2	0.079			80.222	7.5	0.005			19.895	0.008				19.738	7
8	26.8	0.351			756.235	25.9	0.054			54.270					19.895	0.008				19.730	8
9	26.8	0.314			729.121	26.4	0.028			27.842					19.891	0.008				19.722	9
10	20.8	0.351			707.970	20.6	0.008			7.234					19.883	0.008				19.714	10
11	17.1	0.390			690.480	22.9	0.300			302.280		0.008			19.875	0.008				19.706	11
12	23.0	0.408			667.072	27.1	0.284			274.896		0.008			19.867	0.008				19.698	12
13	26.6	0.441			640.031	27.6	0.246			247.050		0.004			19.863	0.008				19.690	13
14	26.5	0.420			613.111	27.6	0.228			219.222		0			19.863	0.008				19.682	14
15	26.1	0.314			586.697	27.6	0.208			191.414		0.004			19.859	0.008				19.674	15
16	20.4	0.368			565.929	27.6	0.171			163.643		0.004			19.855	0.006				9.768	16
17	17.1	0.158			548.671	28.2	0.135			135.308		0.004			19.851	9.768	0.006				17
18	17.1	0.358			531.213	28.6	0.112			106.596		0.004			19.847						18
19	17.1	0.373			513.740	28.7	0.077			77.819		0.008			19.839						19
20	17.1	0.352			496.288	29.4	0.039			48.380		0.004			19.835						20
21	23.0	0.327			472.961	29.9	0.018			18.462		0.004			19.831						21
22	26.4	0.306			446.228	18.46				0		0.008			19.823						22
23	26.4	0.295			419.522							0.008			19.819						23
24	26.4	0.295			392.827							0.004			19.815						24
25	26.3	0.239			366.288							0.004			19.811						25
26	25.8	0.271			340.217							0.004			19.807						26
27	18.4	0.236			321.581							0.008			19.799						27
28	14.1	0.260			307.221							0.004			19.795						28
29	14.1	0.188			292.933							0.004			19.791						29
30	14.1	0.211			278.562																30
31	21.3	0.239			257.083																31
TOTAL	627.4	10.434				318.246	572.46	2.867			19.9	0.109				19.668	0.123				TOTAL
DAY	APRIL 1972					MAY 1972					JUNE 1972					JULY 1972					DAY
1						13.6	0.046			138.896	15.5	0.270			538.615	3.4	0.031			36.595	1
2						13.1	0.057			151.939	15.4	0.220			553.795	3.3	0.029			33.266	2
3						13.5	0.051			164.988	2.8	0.222			563.373	3.2	0.029			30.037	3
4						13.3	0.080			178.408	2.5	0.259			565.614	11.7	0.017			18.320	4
5						13.3	0.084			191.624		0.389			537.725	16.9	0.001			1.419	5
6						13.1	0.077			204.647	44.0	0.244			493.481	1.419					6
7						13.6	0.091			218.156	27.7	0.215			465.566						7
8						14.0	0.084			232.072	19.7	0.250			445.616						8
9						14.7	0.098			246.674	23.1	0.154			422.362						9
10						15.3	0.136			261.838	15.6	0.109			406.653						10
11						15.5	0.165			277.173	18.0	0.185		</							

TABLE C-18 (Cont'd)

WATER YEAR 1972, 1973, 1974

OAKES DITCH COMPANY
FROM LOWER KAWAHA

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY			
OCTOBER 1972						NOVEMBER 1972						APRIL 1973						MAY 1973						
1						0.021				19.838	7.9			0.002		7.898	10.7			0.116		313.165	1	
2						0.012				19.826	12.7			0.003		20.595	17.4			0.134		330.431	2	
3						0.012				19.814	12.9			0.006		33.489	8.2			0.120		338.511	3	
4						0.004				19.810	13.1			0.008		46.581				0.129		338.382	4	
5						0.008				19.802	13.1			0.013		59.668				0.102		338.280	5	
6						0.008				19.794	12.8			0.024		72.444				0.113		338.167	6	
7						0.004				19.790	12.4			0.028		84.816	1.2			0.112		339.255	7	
8						0.000				19.790	12.9			0.033		104.283	0.7			0.120		339.835	8	
9						0.004				19.786	23.5			0.030		128.053				0.126		339.709	9	
10						0.004				19.782	19.1			0.043		143.110				0.139		339.570	10	
11						0.004				19.778	9.9			0.056		152.954				0.129		339.441	11	
12						0.004				19.774	9.9			0.057		162.797				0.121		339.320	12	
13						0.004				19.770	9.9			0.047		172.650				0.105		339.215	13	
14						0.000				19.770	9.9			0.036		182.514				0.090		339.125	14	
15						0.006				19.764	3.7			0.049		186.165				0.148		338.977	15	
16						0.000				19.764	3.7			0.050		189.815				0.162		338.815	16	
17						0.000				19.764				0.049		189.766				0.133		338.682	17	
18						0.004				19.760				0.048		189.718				0.133		338.549	18	
19						0.004	10.639			9.117				0.060		189.668				0.137		338.422	19	
20						0.002				9.115				0.071		189.587				0.110		338.312	20	
21						RELEASED BECAUSE OF ENCROACHMENT INTO REQUIRED FLOOD CONTROL SPACE								0.083		189.504	3.7			0.107		341.905	21	
22											2.5			0.083		189.421	6.0			0.100		347.805	22	
23											28.8			0.077		191.844	6.0			0.105		352.700	23	
24											11.2			0.091		220.553	2.2			0.097		355.809	24	
25														0.103		231.650				0.095		355.708	25	
26											11.9			0.115		243.435								26
27											15.6			0.101		258.934				0.099		355.609	27	
28	5.0		0.002		4.998						12.9			0.114		276.720				0.107		355.502	28	
29	10.4		0.007		15.391						14.1			0.063		290.757	3.7			0.132		359.070	29	
30	4.5		0.013		19.865						11.9			0.076		302.581	6.0			0.142		364.928	30	
31			0.013														6.0			0.121		370.807	31	
TOTAL	19.9		0.035						0.111		304.2			1.619			77.8		3.654				TOTAL	
JUNE 1973						JULY 1973						AUGUST 1973						MARCH 1974						
1	6.0				382.669	8.2			0.157	382.639				0.033		62.815	2.5			0.000		2,500	1	
2	6.0				388.552	11.9			0.156	370.583				0.026		40.989				0.000		4,000	2	
3	6.0				394.428	11.9			0.153	358.530				0.011		19.178				0.000		0.000	3	
4	6.0				400.302	5.7			0.162	352.672						0.000							4	
5	2.2				402.381	2.0			0.123	350.589													5	
6					402.228	6.9			0.130	343.519													6	
7					402.066	9.9			0.134	334.485													7	
8					401.901	9.9			0.137	323.448													8	
9					401.763	9.9			0.140	313.408													9	
10					401.631	9.9			0.133	303.375													10	
11					401.509	9.9			0.121	293.354													11	
12					401.398	9.9			0.115	283.339													12	
13					401.270	9.9			0.113	273.326													13	
14					401.157	6.2			0.118	267.008													14	
15					401.054	4.0			0.114	262.894													15	
16					400.951	7.7			0.084	255.110													16	
17					400.827	12.4			0.091	242.619													17	
18					400.708	10.2			0.091	232.328													18	
19					400.579	11.7			0.097	220.531													19	
20					400.409	13.9			0.073	206.558													20	
21					400.219	13.9			0.078	192.580													21	
22					400.062	13.9			0.078	178.602													22	
23					399.937	13.9			0.085	164.617													23	
24	1.2				398.601	10.2			0.079	154.338													24	
25	0.7				397.755	7.9			0.083	146.355													25	
26					397.603	7.9			0.087	138.368													26	
27					397.457	7.9			0.082	130.386													27	
28					395.295	7.9			0.071	122.415													28	
29	2.0				393.142	7.9			0.067	114.448													29	
30	2.0				390.996	7.9			0.063	106.405													30	
31						21.8			0.047	84.648													31	
TOTAL	26.2	7.9	4.021			303.1	3.248				84.578	0.070					20.0		0.000				TOTAL	
APRIL 1974						MAY 1974						JUNE 1974						JULY 1974						
1	13.6			0.003	33.597	7.4			0.150	509.835				0.132		393.868	9.9			0.103		257.181	1	
2	25.5			0.012	59.085				0.130	509.705				0.116		393.752	9.9			0.105		247.176	2	
3	22.8			0.011	81.874				0.128	509.577				0.132		393.620	9.9			0.095		237.151	3	
4	19.8			0.025	101.649				0.113	509.464				0.110	0.490	394.000	9.9			0.108		227.173	4	
5	19.8			0.035	121.414				0.121	509.343				0.115	0.115	394.000	9.9			0.109		217.164	5	
6	19.8			0.023	141.191				0.136	509.207				0.125		394.000	9.9			0.089		207.175	6	
7	19.8			0.033	160.958				0.144	509.063				0.135		394.000	9.9			0.080		197.195	7	
8	19.8			0.054	180.704				0.157	508.906				0.151		394.000	16.1			0.075		181.020	8	
9	19.8			0.019	200.485				0.150	508.756				0.173		394.000	19.8			0.057		161.163	9	
10	17.4			0.040	217.845				0.134	508.622				0.158		394.000	7.4			0.053		153.710	10	
11	13.0			0.061	230.784				0.137	508.485				0.142		394.000				0.063		153.647	11	
12	9.9			0.061	240.623				0.141	508.344			</											

OAKES DITCH COMPANY
FROM LOWER KAWAHA

QUANTITIES IN ACRE FEET

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TABLE C-19

OAKES DITCH COMPANY
FROM KETCHUM DITCH

WATER YEAR 1971, 1972

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	APRIL 1971					MAY 1971					JUNE 1971					JULY 1971					DAY
1								0.015		40,520			0.010		40,199			0.018		39,745	1
2								0.013		40,507			0.011		40,188			0.018		39,727	2
3								0.004		40,503			0.012		40,176			0.019		39,708	3
4								0.005		40,498			0.012		40,164			0.023		45,985	4
5								0.007		40,491			0.014		40,150			0.031		56,054	5
6								0.003		40,488			0.013		40,137			0.036		66,218	6
7								0.003		40,488			0.014		40,123			0.038		76,480	7
8								0.008		40,480			0.015		40,108			0.040		86,640	8
9								0.012		40,468			0.011		40,097			0.042		96,898	9
10								0.012		40,456			0.010		40,087			0.053		107,145	10
11								0.014		40,442			0.014		40,073			0.066		117,379	11
12								0.014		40,428			0.015		40,058			0.078		127,601	12
13								0.013		40,415			0.014		40,044			0.095		137,806	13
14								0.008		40,407			0.015		40,029			0.101		148,005	14
15								0.011		40,396			0.018		40,011			0.085		158,220	15
16								0.007		40,389			0.017		39,994			0.109		168,411	16
17								0.014		40,375			0.017		39,977			0.092		178,659	17
18								0.017		40,358			0.017		39,960			0.127		188,732	18
19								0.015		40,343			0.015		39,945			0.144		198,888	19
20								0.017		40,326			0.016		39,929			0.148		209,040	20
21								0.011		40,315			0.018		39,911			0.151		219,189	21
22								0.015		40,300			0.018		39,893			0.171		229,318	22
23								0.011		40,289			0.016		39,877			0.175		239,543	23
24	5.1		0.001		5,099			0.013		40,270			0.016		39,861			0.188		249,685	24
25	8.1		0.005		13,194			0.016		40,254			0.015		39,846			0.168		257,387	25
26	8.1		0.008		21,286			0.006		40,248			0.017		39,829			0.211		264,876	26
27	8.1		0.009		29,377			0.001		40,247			0.015		39,814			0.200		271,876	27
28	8.1		0.015		37,462			0.008		40,239			0.016		39,798			0.235		278,241	28
29	3.1		0.014		40,548			0.005		40,234			0.017		39,781			0.183		284,558	29
30	0.0		0.013		40,535			0.012		40,221			0.018		39,763			0.221		290,837	30
31																		0.277		297,060	31
TOTAL	40.6		0.065					0.326					0.446			260.8		3.503			TOTAL
DAY	AUGUST 1971					NOVEMBER 1971					DECEMBER 1971					MARCH 1972					DAY
1	6.4		0.277		303,183						3.1		0.024		72,818						1
2	6.5		0.277		309,406						3.7		0.000		76,518						2
3	5.2		0.276		314,330						4.6		0.000		81,118						3
4	4.4		0.255		318,475						4.6		0.000		85,718						4
5	1.6		0.268		319,807						3.2		0.014		88,904						5
6	0.0		0.280		319,527						3.7		0.000		92,604						6
7			0.314		319,213						3.2		0.015		95,789						7
8			0.303		318,910						2.5		0.015		98,274						8
9			0.314		318,596						2.6		0.030		100,844						9
10	0.0		0.350		318,266						2.5		0.000		103,344						10
11	318.25				0.000						2.6		0.000		105,944						11
12	0.0					6.5		0.000		6,400	3.7		0.000		109,644						12
13						7.8		0.000		14,200	1.7		0.000		111,144						13
14						6.4		0.000		20,600			0.000		110,144						14
15						5.1		0.005		25,695		1.2	0.017		108,127						15
16						3.1		0.006		28,789		2.0	0.017		108,127						16
17						2.3		0.012		31,077			0.017		106,253						17
18						4.2		0.007		35,270		2.0									18
19						2.9		0.015		38,155											19
20						2.2		0.015		40,340											20
21						2.3		0.016		42,624											21
22						2.5		0.017		45,107											22
23						2.5		0.017		47,590											23
24						2.4		0.018		49,972											24
25						2.4		0.009		52,363											25
26						2.4		0.010		54,753											26
27						2.4		0.000		57,153											27
28						2.4		0.000		59,553											28
29						5.0		0.011		64,542											29
30						5.2		0.000		69,742											30
31																					31
TOTAL	24.1	318.3	2.914			69.9		0.158			41.7	5.2	0.132			70.5		0.146			TOTAL
DAY	APRIL 1972					MAY 1972					JUNE 1972					JULY 1972					DAY
1	8.3		0.028		78,626			0.086		260,244	10.1		0.172		343,472		3.8	0.323		378,349	1
2	8.3		0.031		86,895			0.097		260,147	8.9		0.140		352,232		6.4	0.328		371,621	2
3	8.3		0.054		95,141			0.080		260,067	8.1		0.142		360,190		8.1	0.354		363,167	3
4	8.2		0.046		103,295			0.117		259,950	9.6		0.169		369,621		8.1	0.336		354,731	4
5	8.2		0.024		111,471			0.113		259,837	10.3		0.274		379,647		12.1	0.312		341,338	5
6	8.3		0.050		119,721			0.098		259,739	10.3		0.193		389,754		25.2	0.258		315,880	6
7	8.3		0.053		127,968			0.108		259,631	3.8		0.182		393,372		26.5	0.245		289,135	7
8	8.3		0.055		136,213			0.093		259,538		5.1	0.217		388,065		28.7	0.191		260,244	8
9	8.3		0.057		144,455			0.103		259,435	8.1		0.138		379,817		29.2	0.209		230,835	9
10	8.3		0.058		152,698			0.135		259,300	1.9		0.101		377,816		29.0	0.162		201,673	10
11	8.1		0.000		160,798			0.155		259,145	2.1										

OAKES DITCH COMPANY
FROM KETCHUM DITCH

QUANTITIES IN ACRE FEET

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CAKES DITCH COMPANY
FROM KETCHUM DITCH

QUANTITIES IN ACRE FEET

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CORCORAN IRRIGATION COMPANY

QUANTITIES IN ACRE FEET

240

TABLE C-20 (Cont'd)

CORCORAN IRRIGATION COMPANY

WATER YEAR 1975

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	MAY 1975					JUNE 1975															DAY
1			0.076		213.059	340.0	0.0	1.444		3954.786											1
2			0.066		121.993	122.7	42.2	1.158		4034.128											2
3			0.065		212.928		81.1	1.233		3951.795											3
4			0.055		212.873		90.5	1.456		3859.839											4
5			0.062		212.811		88.8	1.297		3769.742											5
6			0.068		212.743		99.7	1.251		3668.791											6
7			0.074		212.669		125.7	1.155		3541.936											7
8			0.073		212.596		154.3	1.189		3386.447											8
9			0.075		212.521		161.0	1.255		3224.192											9
10			0.075		212.446		172.4	1.260		3050.532											10
11			0.058		212.388	0.0	219.0	0.946		2830.586											11
12	0.0		0.080		212.308	22.3	90.8	1.150		2760.936											12
13	86.8		0.123		298.985	32.0	0.0	1.126		2791.810											13
14	181.0		0.186		479.799	36.0		0.981		2826.829											14
15	197.6		0.183		677.216	40.9		1.030		2866.699											15
16	187.5		0.263		864.453	19.3		0.958		2885.041											16
17	169.6		0.347		1033.706	2.2		0.964		2886.277											17
18	192.9		0.445		1226.161	0.0		0.814		2885.463											18
19	276.7		0.580		1502.281			0.619		2884.644											19
20	170.4		0.393		1672.288			0.788		2883.856											20
21	31.2		0.463		1703.025			0.911		2882.945											21
22			0.525		1702.500			1.035		2881.910											22
23			0.615		1701.885			1.000		2880.910											23
24			0.602		1701.283			0.884		2880.026											24
25	117.8		0.659		1818.424			0.772		2879.254											25
26	220.1		0.750		2038.374			0.979		2878.275											26
27	271.0		0.864		2308.510			1.105		2877.170											27
28	297.1		0.990		2604.620			1.113		2876.057											28
29	319.9		1.222		2922.298			1.202		2874.855											29
30	340.5		1.321		3261.471			1.044	2873.81	2874.855											30
31	355.9		1.147		3616.230																31
TOTAL	3415.6		12.505			615.4	1325.5	32.319	2873.81												TOTAL
DAY																					DAY
1																					1
2																					2
3																					3
4																					4
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28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL

TABLE C-21

EVANS DITCH COMPANY
FROM LOWER KANEAH

WATER YEAR 1971, 1972

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY			
MARCH 1971						APRIL 1971						MAY 1971						JUNE 1971						
1						48.5		0.066		172.137	46.9		0.582		1611.707	43.5		0.806		3156.088	1			
2						48.4		0.106		220.429	44.4		0.510		1655.597	43.4		0.870		3198.618	2			
3						47.8		0.094		268.135	45.0		0.146		1700.451	43.3		0.937		3240.981	3			
4						46.9		0.177		314.858	46.2		0.220		1746.431	47.1		1.000		3287.061	4			
5						44.9		0.189		359.569	47.5		0.294		1793.637	53.6		1.199		3339.482	5			
6						44.9		0.121		404.348	45.3		0.145		1838.792	56.9	0	1.063		3395.319	6			
7						47.3		0.086		451.562	43.2		0		1831.992	21.5	11.5	1.154		3404.165	7			
8						49.9		0.137		500.625	44.5		0.362		1926.130	0	18.8	1.276		3384.089	8			
9						48.9		0.191		548.634	45.5		0.580		1970.750	44.7	0	0.928		3338.861	9			
10						46.5		0.247		594.887	44.4		0.578		2013.572	62.7	0.835	0.835		3274.926	10			
11						45.0		0.202		639.685	43.5		0.722		2057.350	59.3	1.093	1.093		3214.533	11			
12						43.9		0.256		683.329	45.9		0.717		2102.533	56.3	1.169	1.169		3157.064	12			
13						43.9		0.156		727.073	54.0		0.714		2155.819	56.1	1.079	1.079		3099.885	13			
14						45.9		0.107		772.866	57.3		0.425		2212.694	54.6	1.099	1.099		3044.186	14			
15						48.5		0.275		821.091	56.6		0.631		2268.663	53.6	1.319	1.319		2989.067	15			
16						47.3		0.393		867.998	56.3		0.646		2324.317	53.8	1.230	1.230		2934.077	16			
17						44.4		0.057		912.341	56.7		0.826		2380.191	51.2	1.251	1.251		2881.586	17			
18						45.1		0.172		957.269	57.1		1.031		2436.260	49.5	1.178	1.178		2830.908	18			
19						47.1		0.351		1004.018	57.1		0.893		2492.467	49.3	1.018	1.018		2780.592	19			
20						48.8		0.119		1052.699	54.4		1.090		2545.777	48.7	1.093	1.093		2730.797	20			
21						49.8		0.224		1102.275	57.2		0.682		2602.295	48.3	1.188	1.188		2681.394	21			
22						50.5		0.375		1152.400	48.2		0.956		2649.538	56.5	1.186	1.186		2623.623	22			
23						51.0		0.510		1202.890	51.2		0.751		2699.987	76.1	1.029	1.029		2546.494	23			
24						51.4		0.261		1245.029	56.8		1.293		2755.494	83.1	0.958	0.958		2462.436	24			
25						52.6		0.467		1306.162	56.8		1.083		2811.211	81.7	0.895	0.895		2379.841	25			
26						53.8		0.477		1359.485	56.7		0.404		2867.507	80.8	0.952	0.952		2298.083	26			
27						53.9		0.418		1412.367	56.9		0.067		2924.340	80.1	0.812	0.812		2217.177	27			
28						52.0		0.567		1464.600	57.8		0.602		2981.538	76.2	0.861	0.861		2140.111	28			
29	30.0		0.013		29.987	51.9		0.504		1516.996	48.5		0.403		3029.635	73.5	0.887	0.887		2065.723	29			
30	46.8		0.052		76.755	49.9		0.507		1565.389	42.7		1.005		3071.330	72.8	0.875	0.875		1992.054	30			
31	47.0				123.703						43.0		0.937		3113.393						31			
TOTAL	123.8		0.097			1449.5		7.814			1567.3		19.296			309.3	1399.4	31.239			TOTAL			
JULY 1971						NOVEMBER 1971						DECEMBER 1971						FEBRUARY 1972						
1		74.0	0.879		1917.175								0.013		38.145						1			
2		74.5	0.850		1841.825								0		38.145			0.002		3.698	2			
3		74.3	0.852		1766.673								0		38.145	13.4		0.000		17.098	3			
4		73.7	0.838		1692.135								0.006		38.139	16.6		0.016		33.682	4			
5		50.8	0.906		1640.429								0					0.000			5			
6		35.2	0.877		1604.352								0.006		39.139	6.0		0.009		39.682	6			
7		35.5	0.771		1568.075								0.006		38.133			0.009		39.673	7			
8		39.0	0.710		1528.365								0.006		38.127			0.000		39.673	8			
9		43.4	0.640		1484.325								0.011		38.116			0.009		39.664	9			
10		49.8	0.712		1433.813								0		39.116			0.017		39.647	10			
11		52.9	0.780		1380.133								0		38.116			0.017		39.630	11			
12		51.8	0.812		1327.521	23.9		0.000		23.900			0		38.116			0.017		39.613	12			
13		58.7	0.873		1267.948	14.4		0.000		38.300			0		38.116			0.008		39.606	13			
14		58.5	0.827		1208.621	0.0		0.000		38.300			0.006		38.116			0.008		39.606	14			
15		57.7	0.615		1150.306			0.007		38.293			0.006		38.110			0.008		39.597	15			
16		58.9	0.708		1090.698			0.008		38.285			0.006		38.104			0.008		39.589	16			
17		55.2	0.298		1035.200			0.015		38.270								0.006		27.183	17			
18		44.9	0.668		989.632			0.007		38.263								0.002		7.381	18			
19		46.3	0.684		942.648			0.015		38.246											19			
20		59.7	0.625		882.323			0.014		38.234											20			
21		66.0	0.563		815.760			0.014		38.220											21			
22		76.5	0.552		738.708			0.014		38.206											22			
23		81.4	0.478		654.830			0.014		38.192											23			
24		86.2	0.427		568.203			0.014		38.178											24			
25		86.8	0.314		481.089			0.007		38.171											25			
26		84.4	0.316		396.373			0.007		38.164											26			
27		83.5	0.230		312.631			0.000		38.164											27			
28		83.7	0.194		228.749			0.000		38.164											28			
29		83.7	0.093		144.956			0.006		38.158											29			
30		83.7	0.046		61.210			0.000		38.158											30			
31		61.210			0																31			
TOTAL		1973.91	18.144			38.3		0.142					0.054			39.7	39.581	0.119			TOTAL			
MARCH 1972						APRIL 1972						MAY 1972						JUNE 1972						
1						18.8		0.098		271.007	45.0		0.496		1506.366	51.8		1.500		2992.426	1			
2						22.7		0.103		293.604	43.9		0.575		1549.691	52.2		1.209		3043.417	2			
3						31.3		0.186		326.718	43.8		0.491		1591.000	51.4		1.220		3096.597	3			
4						41.6		0.162		368.154	44.8		0.735		1637.065	54.8		1.440		3148.967	4			
5</																								

TABLE C-21 (Cont'd)

EVANS DITCH COMPANY
FROM LOWER KAWAHEH

WATER YEAR 1972, 1973, 1974

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		DAY
JULY 1972						OCTOBER 1972						NOVEMBER 1972						APRIL 1973						DAY	
1		63.0	1.199		1404.466								0.035		41.551		28.1	0.007		28.093	1				
2		48.9	1.196		1354.370								0.026		41.525		43.8	0.009		71.884	2				
3		46.3	1.274		1306.796								0.026		41.499		43.2	0.020		115.064	3				
4		44.8	1.194		1260.802								0.009		41.490		43.8	0.027		158.837	4				
5		40.1	1.118		1219.584								0.017		41.473		44.0	0.043		202.794	5				
6		37.7	0.964		1180.920								0.017		41.456		43.3	0.082		246.012	6				
7		44.4	0.965		1135.555								0.008		41.448		51.2	0.097		297.115	7				
8		50.5	0.796		1084.259								0.008		41.448		55.4	0.112		352.403	8				
9		49.7	0.936		1033.623								0.008		41.440		54.9	0.094		407.209	9				
10		48.4	0.792		984.431								0.008		41.432		20.6	0.128		427.681	10				
11		48.4	0.973		935.058								0.008		41.424			0.155		427.526	11				
12		48.4	0.951		885.707								0.008		41.416			0.149		427.377	12				
13		48.4	0.997		836.310								0.006		41.408			0.116		427.261	13				
14		570.320	0.941		767.169								0.000		41.408			0.082		427.179	14				
15		83.6	1.353		1252.536								0.013		41.395			0.112		427.067	15				
16		85.7	1.294		1165.542								0.000		41.395			0.111		426.956	16				
17		86.1	1.028		1078.414								0.000		41.395		6.2	0.111		433.045	17				
18		87.2	0.878		990.336								0.008		41.387		3.7	0.110		436.635	18				
19		87.7	0.735		901.901								0.009	29.730	11.648			0.137		436.498	19				
20		89.7	0.599		811.602								0.003		11.645			0.164		436.334	20				
21		90.9	0.629		720.073													0.192		436.142	21				
22		90.9	0.569		628.604													0.191		435.951	22				
23		90.9	0.531		537.173													0.179		443.172	23				
24		90.9	0.489		445.784		7.4		0.005		7.395							0.184		447.488	24				
25		96.0	0.400		349.384													0.202		452.286	25				
26		99.0	0.266		250.118		10.7		0.008		18.087							0.216		458.770	26				
27		99.0	0.186		150.932		11.2		0.013		29.274							0.188		481.882	27				
28		99.0	0.066		51.866		9.4		0.017		38.657							0.208		506.674	28				
29		49.9	0.001		1.965		3.0		0.018		41.639							0.111		512.963	29				
30		1.965							0.027		41.612							0.129		513.834	30				
31	*Transferred from "Evans from Ketchum."										41.586													31	
TOTAL	570.320	2015.7	23.320				41.7		0.114				0.211	29.730				517.5	3.666					TOTAL	
MAY 1973						JUNE 1973						JULY 1973						MARCH 1974						DAY	
1			0.190		513.644				0.121		802.386		0.128		311.884		9.9			9.900	1				
2	3.7		0.210		517.134				0.242		802.144		0.128		304.356		6.0			15.900	2				
3	6.0		0.184		522.950				0.253		801.891		0.121		282.435						3				
4	2.2		0.201		524.949				0.252		801.639		0.114		254.521						4				
5			0.157		524.792				0.240		801.399		0.079		226.642						5				
6		3.7	0.175		520.917				0.304		801.095		0.075		198.767						6				
7	1.5		0.172		522.245				0.322		800.773		0.069		170.898						7				
8	7.2		0.187		529.258				0.328		800.445		0.061		143.037						8				
9	14.1		0.201		543.157				0.322		800.123		0.051		115.186						9				
10	21.6		0.232		564.525				0.263		799.860		0.038		87.348						10				
11	37.4		0.229		601.696				0.242		799.618		0.025		59.523						11				
12	45.6		0.231		647.065		1.2		0.222		800.596		0.018		44.105						12				
13	45.6		0.214		692.451		0.7		0.256		801.040		0.015		36.190						13				
14	17.1		0.188		709.363				0.225		800.815		0.012		28.278						14				
15			0.309		709.054			29.8	0.197		770.818		0.009		20.369						15				
16			0.340		708.714				0.185		723.033		0.004		12.465						16				
17			0.279		708.435			47.6	0.209		675.224		0.002		4.563						17				
18			0.279		708.156			43.9	0.187		631.137										18				
19			0.265		707.891			41.7	0.190		589.247										19				
20			0.229		709.662			41.7	0.233		547.314										20				
21	9.9		0.225		717.337			45.4	0.237		501.677										21				
22	6.0		0.208		723.129			47.4	0.178		453.899										22				
23			0.214		722.915			38.9	0.129		414.870										23				
24			0.197		722.718			36.2	0.129		378.541										24				
25			0.193		722.525			35.2	0.126		343.215										25				
26			0.201		722.324			17.6	0.124		325.491										26				
27			0.218		722.106			11.7	0.115		313.676										27				
28	17.4		0.272		739.244			8.0	0.127		309.549										28				
29	27.8		0.298		766.736				0.121		311.428										29				
30	26.5		0.259		792.977		2.0		0.116		312.012										30				
31	9.7		0.170		802.507																	31			
TOTAL	299.3	3.7	6.927				4.6	488.9	6.195			311.064	0.949				49.3						TOTAL		
APRIL 1974						MAY 1974						JUNE 1974						JULY 1974						DAY	
1	55.6		0.008		104.892		16.4		0.400		1356.304		0.264		788.736			0.014		35.785	1				
2	90.3		0.040		195.152		0.0		0.346		1355.958		0.232		788.504			0.003		7.982	2				
3	39.9		0.031		235.021				0.342		1355.616		0.263		786.241			0.000		-2.418	3				
4	30.3		0.065		266.256				0.301		1355.315		0.221	0.980	789.000		19.8	0.008		17.374	4				
5	43.6		0.089		308.767				0.323		1354.992		0.230	0.230	789.000		31.7	0.025		49.049	5				
6	43.6		0.068		352.309				0.362		1354.630		0.249	0.249	789.000		31.7	0.035		80.714	6				
7	43.6		0.082		395.827				0.382		1354.246		0.271	0.271	789.000		31.7	0.046		112.368	7				
8	43.6		0.131		439.296				0.417		1353.831		0.303	0.303	789.000		31.7	0.063		114.005	8				
9	43.6		0.046		482.850				0.399		1353.432		0.346	0.346	789.000		11.9	0.057		115.848	9				
10	43.6		0.096		526.354				0.357		1353.075		0.316	0.316	789.000			0.056		155.792	10				
11	43.6		0.150		569.804				0.365																

EVANS DITCH COMPANY
FROM LOWER KAWEAH

QUANTITIES IN ACRE FEET

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TABLE C-22

WATER YEAR 1971, 1972

EVANS DITCH COMPANY
FROM KETCHUM DITCH

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	APRIL 1971					MAY 1971					JUNE 1971					JULY 1971					DAY
1					0.052					142.626			0.036		141.504			0.064		139.919	1
2					0.044					142.582			0.039		141.465			0.065		139.854	2
3					0.012					142.570			0.041		141.424			0.067		139.787	3
4					0.018					142.552			0.043		141.381	19.0		0.079		158.708	4
5					0.023					142.529			0.051		141.330	30.5		0.104		189.104	5
6					0.011					142.518			0.044		141.286	30.6		0.120		219.584	6
7					0					142.516			0.048		141.238	30.6		0.124		250.060	7
8					0.027					142.491			0.053		141.185	30.9		0.130		280.730	8
9					0.042					142.449			0.039		141.146	30.8		0.134		311.396	9
10					0.041					142.408			0.036		141.110	30.9		0.170		342.126	10
11					0.050					142.358			0.046		141.062	31.0		0.211		372.915	11
12					0.049					142.309			0.052		141.010	31.0		0.247		403.668	12
13					0.047					142.262			0.049		140.961	31.0		0.299		434.369	13
14					0.027					142.235			0.051		140.910	31.0		0.318		465.051	14
15					0.040					142.195			0.062		140.848	31.0		0.265		495.786	15
16					0.025					142.170			0.059		140.789	31.0		0.342		526.444	16
17					0.049					142.121			0.061		140.728	31.0		0.161		557.283	17
18					0.060					142.061			0.059		140.669	30.9		0.396		587.787	18
19					0.051					142.010			0.052		140.617	30.9		0.449		618.238	19
20					0.061					141.949			0.056		140.561	31.0		0.460		648.778	20
21					0.037					141.912			0.062		140.499	31.0		0.469		679.309	21
22					0.051					141.861			0.064		140.435	31.1		0.530		709.879	22
23					0.039					141.822			0.057		140.378	31.1		0.576		739.240	23
24	17.8		0.004		0.067					141.755			0.055		140.323	27.9		0.576		762.564	24
25	28.6		0.017		0.055					141.700			0.053		140.270	23.4		0.515		789.449	25
26	28.6		0.026		0.020					141.680			0.058		140.212	22.4		0.646		811.203	26
27	28.6		0.031		0.003					141.677			0.051		140.161	21.9		0.612		832.491	27
28	28.6		0.051		0.029					141.648			0.056		140.105	21.0		0.721		852.770	28
29	10.7		0.047		0.019					141.629			0.060		140.045	19.8		0.560		872.010	29
30	0		0.046		0.046					141.583			0.062		139.983	17.8	0	0.675		889.135	30
31					0.043					141.540						18.4	22.3	0.823		884.412	31
TOTAL	142.9		0.222			1.138							1.557			777.6	22.3	10.871			TOTAL
DAY	AUGUST 1971					NOVEMBER 1971					DECEMBER 1971					MARCH 1972					DAY
1	16.6	82.8	0.747		817.465						14.4		0.086		260.874						1
2	16.3	82.5	0.672		750.593						11.1		0.000		271.974						2
3	14.6	82.5	0.598		682.095						10.8		0.000		282.774						3
4	13.1	82.4	0.490		612.305						12.2		0.000		295.574						4
5	4.8	82.5	0.447		534.158						13.6		0.048		309.126						5
6	0	82.5	0.395		451.263						12.4		0.000		321.526						6
7		82.5	0.362		368.401						11.6		0.051		333.075						7
8		84.6	0.269		283.532						7.9		0.052		340.923						8
9		85.9	0.195		197.437						6.9		0.104		347.719						9
10		83.7	0.125		113.612						7.8		0.000		355.519						10
11	80.2				33.379						7.8		0.000		363.319						11
12	33.379		0.033		0	19.3	0			19.300	12.7		0.000		376.019						12
13						26.1	0			46.400	3.3		0.000		379.219						13
14						20.6	0			66.000		7.7	0.000		371.619						14
15						15.4	0.015			81.385		9.9	0.058		361.661						15
16						11.9	0.019			92.266	12.4	0.057		349.204							16
17						12.8	0.041			106.025											17
18						12.4	0.023			118.402											18
19						10.5	0.045			128.053											19
20						9.7	0.052			138.501											20
21						9.7	0.055			148.146											21
22						8.4	0.057			155.489											22
23						9.0	0.050			164.429						17.9	0.006				23
24						9.8	0.063			175.166						28.6	0.015		17.894		24
25						9.8	0.033			184.933						28.6	0.045		46.479		25
26						9.7	0.034			194.599						28.6	0.043		75.024		26
27						9.6	0			204.199						28.8	0.055		103.591		27
28						10.9	0			215.099						29.0	0.086		132.336		28
29						15.2	0.039			230.260						29.0	0.074		161.250		29
30						16.3	0			246.560						29.1	0.111		190.176		30
31																29.2	0.092		219.165		31
TOTAL	65.4	945.48	4.333			247.1	0.540				133.1	30.0	0.456			248.8	0.527				TOTAL
DAY	APRIL 1972					MAY 1972					JUNE 1972					JULY 1972					DAY
1	29.2		0.101		277.372			0.302		918.354			0.586		1168.366			0.828		969.572	1
2	29.1		0.108		106.364			0.341		918.013			0.474		1194.592			0.829		939.043	2
3	29.0		0.191		335.173			0.283		917.730			0.480		1218.512			0.881		901.662	3
4	28.9		0.161		363.912			0.412		917.318			0.570		1246.142			0.822		868.340	4
5	28.9		0.085		392.727			0.400		916.918			0.900		1245.242			0.764		833.076	5
6	29.1		0.177		421.650			0.346		916.572			0.614		1242.328			0.652		797.924	6
7	29.2		0.185		450.665			0.380		916.192		2.3	0.564		1220.364			0.651		766.473	7
8	29.1		0.193		479.572			0.330		915.8											

TABLE C-22 (Cont'd)

EVANS DITCH COMPANY
FROM KETCHUM DITCH

WATER YEAR 1973, 1974, 1975

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	NOVEMBER 1972					JULY 1973					AUGUST 1973					OCTOBER 1973					DAY
1																					1
2											9.9	0.056			106.979						2
3											9.9	0.050			97.019						3
4											9.9	0.050			87.069						4
5											9.9	0.055			77.114						5
6											9.9	0.029			67.185						6
7											9.9	0.036			57.249						7
8											9.9	0.031			47.318						8
9											9.9	0.024			37.394	12.2	0.003			12.197	9
10											13.6	0.015			23.779	19.5	0.020			31.677	10
11	13.4		0.003		13.197						14.6	0.006			9.173	14.5	0.038			46.139	11
12	16.5		0.006		29.891	18.6				18.591					0	10.0	0.034			56.105	12
13	13.5		0.008		43.383	29.8		0.009		48.370						12.0	0.041			68.064	13
14			0.000		43.383	29.8		0.021								13.4	0.064			81.400	14
15			0.014		43.369	29.8		0.026		78.144						13.3	0.091			94.609	15
16			0.000		43.369	29.8		0.040		107.904						12.2	0.081			106.728	16
17			0.000		43.369	29.8		0.053		134.275						10.9	0.066			117.562	17
18			0.008		43.361	29.8	3.376	0.067		151.108						11.0	0.120			128.442	18
19			0.009		43.352	29.8	12.900	0.058		163.650						9.9	0.128			138.214	19
20			0.009		d 43.343	18.6	6.000									9.1	0.135			147.179	20
21						8.2		0.070		171.780						9.1	0.030			156.165	21
22						1.0		0.076		172.704						9.1	0.094			165.235	22
23						0.7		0.089		173.315						11.6	0.098			174.241	23
24							3.7	0.096		173.226						15.6	0.069			185.743	24
25								0.103		169.430						14.6	0.073			201.274	25
26						4.7		0.109		164.627						10.5	0.076			215.801	26
27						7.7		0.099		156.828						8.9	0.118			226.225	27
28						9.9		0.085		146.843						8.9	0.081			235.007	28
29						9.9		0.080		136.863						8.9	0.083			243.826	29
30						9.9		0.063		126.900						8.9	0.128			252.643	30
31						9.9		0.065		116.935						8.9	0.174			261.415	31
TOTAL	43.4		0.057			196.1	77.976	1.189			116.57	0.362				272.1	1.959				TOTAL
DAY	FOOTNOTES					NOVEMBER 1973					JULY 1974					AUGUST 1974					DAY
1	a	Diverted to Evans Ditch Company from Lower Kaweah.				8.9		0.134		278.907						0.096				107.654	1
2						8.9		0.092		287.715						0.095				107.559	2
3						8.9		0.093		296.522						0.082				107.477	3
4	b	Transferred to Evans from Lower Kaweah.				8.9		0.096		306.326						0.074				107.403	4
5						8.9		0.146		314.080						0.084				105.619	5
6	c	Of this amount 22.28 acre-feet diverted in Lower Kaweah.				8.9		0.150		322.830						1.0	0.083			105.536	6
7						8.9		0.152		331.578	18.6		0.008		18.592	23.504	0.079			80.353	7
8	d	Released because of encroachment into flood control space				8.9	340.32	0.155		d 340.323	29.8		0.020		48.372	50.8	0.027			30.126	8
9											23.6		0.025		71.947	30.13				0.000	9
10											26.0		0.034		97.913						10
11	e	Diverted in Lower Kaweah.									11.2		0.045		109.068						11
12													0.049		109.019						12
13	f	All water released for diversion in the Lower Kaweah River.											0.053		108.966						13
14													0.052		108.914						14
15													0.051		108.863						15
16													0.051		108.812						16
17													0.057		108.755						17
18													0.068		108.687						18
19													0.068		108.619						19
20													0.062		108.557						20
21													0.062		108.495						21
22													0.072		108.423						22
23													0.086		108.337						23
24													0.074		108.263						24
25													0.080		108.183						25
26													0.076		108.107						26
27													0.071		108.036						27
28													0.071		107.965						28
29													0.042		107.893						29
30													0.087		107.836						30
31													0.086		107.750						31
TOTAL						71.2	340.3	1.018			109.2	1.450				107.130	0.620				TOTAL
DAY	OCTOBER 1974					NOVEMBER 1974					DECEMBER 1974					JANUARY 1975					DAY
1						13.1		0.018		64.664	7.9		0.052		348.475		0.000			350.102	1
2						12.6		0.032		77.232	3.0		0.052		351.423		0.051			350.051	2
3						10.7		0.019		87.913	0.0		0.103		351.320		0.051			305.000	3
4						9.9		0.040		97.773			0.049		351.271		0.051			349.949	4
5						9.9		0.022		107.651			0.050		351.221		0.051			349.898	5
6						9.9		0.047		117.504			0.050		351.171		0.000			349.898	6
7						8.7		0.050		126.154			0.003		351.171		0.000			349.898	7
8						9.2		0.053		135.301			0.050		351.121		0.000			349.898	8
9						9.9		0.068		145.173			0.051		351.070		0.000			349.898	9
10						8.7		0.059		153.814			0.051		351.019	5.0	0.049			344.849	10
11						7.9		0.061		161.653			0.051		350.968	0.0	0.050			344.799	11
12						7.9		0.063		169.490			0.051		350.917		0.050			344.749	12
13						7.9		0.065		177.325			0.050		350.917		0.050			344.699	13
14						7.9		0.067		185.158			0.051		350.866		0.051			344.648	14
15						7.9		0.035		193.023			0.051		350.815		0.049			327.889	15
16						7.9		0.036		200.887			0.051		350.764	16.71	0.000			288.489	16
17						7.9		0.037		208.750			0.051		350.713	39.4	0.039			263.850	17
18						7.9		0.038		216.612			0.051		350.662	17.9	0.037			245.911	18
19						7.9		0.039		224.473			0.050		350.612	17.9	0.034			227.979	19
20						7.9		0.039		232.294			0.051		350.561	17.9	0.032			210.047	20
21						14.1		0.041		246.353			0.000		350.561	20.3	0.000			189.747	21
22						17.9		0.043		264.210											

EVANS DITCH COMPANY
FROM KETCHUM DITCH

QUANTITIES IN ACRE FEET

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KAWEAH DELTA WATER CONSERVATION DISTRICT
CENTRAL VALLEY PROJECT WATER EXCHANGED
FOR STORAGE

QUANTITIES IN ACRE FEET

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TABLE C-24

WATER YEAR 1971, 1972

WATSON DITCH COMPANY
FROM LOWER KAWAHE

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	MARCH 1971					APRIL 1971					MAY 1971					JUNE 1971					DAY
1						48.5		0.066		172.137	46.9		0.582		1611.707	43.5		0.798		3127.424	1
2						48.4		0.108		220.429	44.4		0.510		1655.597	43.4		0.863		3169.961	2
3						47.8		0.094		268.135	45.0		0.186		1700.451	43.3		0.929		3212.332	3
4						46.9		0.177		314.858	46.2		0.250		1746.431	47.1		0.991		3258.441	4
5						44.9		0.189		359.569	47.5		0.294		1793.637	53.6		1.189		3310.852	5
6						44.9		0.121		404.348	45.3		0.145		1838.792	55.5	0	1.054		3365.298	6
7						47.3		0.086		451.562	43.2		0		1881.992	20.7	7.7	1.145		3377.153	7
8						49.2		0.137		500.625	44.5		0.362		1926.130	0	12.4	1.269		3363.484	8
9						48.2		0.191		544.634	45.2		0.580		1970.750	11.0		0.932		3351.552	9
10						46.5		0.247		594.887	44.4		0.578		2014.572	11.7		0.852		3339.000	10
11						45.0		0.202		639.685	43.5		0.722		2057.350	9.6		1.132		3328.268	11
12						43.9		0.256		683.329	45.9		0.717		2102.533	7.7		1.229		3319.339	12
13						43.9		0.156		727.073	52.7		0.713		2154.520	7.9		1.152		3310.287	13
14						46.9		0.107		772.866	55.1		0.424		2209.196	6.9		1.193		3302.194	14
15						48.5		0.275		821.091	54.3		0.629		2262.867	6.5		1.453		3294.241	15
16						47.3		0.393		867.998	54.2		0.412		2316.655	6.5		1.378		3286.363	16
17						44.4		0.057		912.341	54.3		0.823		2370.132	5.1		1.424		3279.839	17
18						45.1		0.172		957.269	54.5		1.026		2423.606	4.2		1.363		3274.276	18
19						47.1		0.351		1004.018	54.6		0.887		2477.319	3.8		1.197		3269.279	19
20						48.8		0.119		1052.699	54.4		1.084		2530.635	3.4		1.306		3264.573	20
21						49.8		0.224		1102.275	54.5		0.677		2584.458	3.0		1.445		3260.128	21
22						50.5		0.375		1152.400	47.1		0.950		2630.608	8.6		1.470		3250.058	22
23						51.0		0.510		1202.890	49.6		0.745		2679.463	12.7		1.308		3236.050	23
24						51.4		0.261		1254.029	54.3		1.282		2732.481	11.2		1.255		3223.595	24
25						52.6		0.467		1306.162	54.3		1.073		2785.708	9.9		1.208		3212.487	25
26						53.8		0.478		1359.485	54.2		0.400		2839.508	9.2		1.326		3201.961	26
27						53.3		0.418		1412.367	54.3		0.067		2893.741	8.7		1.169		3192.092	27
28						52.8		0.567		1464.600	55.5		0.596		2948.645	6.1		1.281		3184.711	28
29	30.0		0.013		29.987	51.9		0.508		1516.996	47.7		0.399		2995.946	4.1		1.366		3179.286	29
30	46.8		0.032		76.755	49.9		0.508		1565.389	47.7		0.995		3042.651	3.4		1.394		3174.452	30
31	47.0		0.052		123.703						43.0		0.929		3084.722						31
TOTAL	123.8		0.097			1449.5		7.814			1538.3		18.967			307.1	181.3	36.070			TOTAL
DAY	JULY 1971					AUGUST 1971					NOVEMBER 1971					DECEMBER 1971					DAY
1		4.2	1.452		3168.800		90.8	1.809		1879.518							0.011			33.166	1
2		4.5	1.459		3162.841		99.3	1.681		1878.537							0.000			33.166	2
3		4.2	1.523		3157.118		99.2	1.559		1777.778							0.000			33.166	3
4		3.7	1.561		3151.857		99.0	1.343		1677.435							0.000			33.166	4
5		3.6	1.738		3146.519		98.8	1.320		1577.315							0.005			33.161	5
6		1.8	1.717		3143.002		98.8	1.294		1477.221							0.000			33.161	6
7		4.3	1.554		3137.148		98.4	1.352		1377.069							0.005			33.156	7
8		9.5	1.451		3126.197		101.7	1.209		1274.160							0.005			33.151	8
9		13.8	1.341		3111.056		103.4	1.153		1169.607							0.010			33.141	9
10		20.4	1.533		3089.123		102.1	1.171		1066.336							0.000			33.141	10
11		21.2	1.733		3066.190		102.1	0.955		963.281							0.000			33.141	11
12		21.2	1.861		3043.129		98.4	0.893		863.988	20.8				20.800		0.000			33.141	12
13		27.0	2.075		3024.054		110.1	0.749		753.139	12.5				33.300		0.000			33.141	13
14		29.1	2.042		2982.912		110.1	0.668		642.371	0				33.300		0.000			33.141	14
15		31.4	1.576		2949.936		110.1	0.578		531.693			0.006		33.294		0.005			33.136	15
16		33.3	1.893		2914.743		110.1	0.440		421.153			0.007		33.287		0.005			33.131	16
17		29.6	0.831		2884.312		106.7	0.317		317.136			0.013		33.274						17
18		15.4	1.934		2866.978		99.8	0.228		217.108			0.006		33.268						18
19		16.8	2.066		2948.112		100.5	0.116		116.492			0.013		33.255						19
20		29.0	1.996		2817.116	952.45	103.1	0.781		965.063			0.012		33.243						20
21		40.1	1.916		2775.100	0	104.4	0.827		859.836			0.012		33.231						21
22		48.0	2.034		2725.066		107.2	0.562		752.074			0.012		33.219						22
23		50.8	1.950		2672.316		108.9	0.497		642.677			0.012		33.207						23
24		53.7	1.967		2616.649		108.9	0.423		533.352			0.012		33.195						24
25		70.2	1.660		2544.789		105.8	0.412		427.140			0.006		33.189						25
26		77.5	1.964		2465.325		104.1	0.369		322.671			0.006		33.183						26
27		76.8	1.753		2386.772		104.2	0.226		218.245			0		33.183						27
28		77.0	1.952		2307.820		106.1	0.068		112.077			0		33.177						28
29		77.0	1.432		2229.388		71.1	0.039		40.938			0.006		33.177						29
30		77.0	1.632		2150.756		40.938			0.000			0		33.177						30
31		76.7	1.929		2072.127																31
TOTAL	1048.8	53.525				952.45	8001.54	23.041			33.3		0.123				0.046				TOTAL
DAY	FEBRUARY 1972					MARCH 1972					APRIL 1972					MAY 1972					DAY
1											18.8		0.091		250.643	45.0		0.475		1441.621	1
2											22.4		0.096								

TABLE C-24 (Cont'd)

WATER YEAR 1972, 1973, 1974

WATSON DITCH COMPANY
FROM LOWER KAWEAH

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
DAY	JUNE 1972					JULY 1972					AUGUST 1972					OCTOBER 1972					DAY	
1	51.8		1.464		2921.342	34.4	2.422			2836.656		115.5	1.464		1178.759						1	
2	52.2		1.181		2972.361	33.8	2.472			2800.284		115.5	1.696		1061.563						2	
3	53.4		1.192		3024.569	32.1	2.696			2765.588		115.5	1.088		944.563						3	
4	54.8		1.407		3077.962	31.8	2.586			2731.202		119.8	1.120		824.955						4	
5	37.1		2.249		3112.813	54.3	2.452			2674.450		128.8	0.975		694.280						5	
6	26.2		1.551		3137.462	55.9	2.137			2616.413		128.8	0.718		564.762						6	
7	30.6		1.464		3166.998	51.2	2.178			2563.035		128.8	0.572		435.390						7	
8	34.7		1.793		3199.405	50.5	1.844			2510.691		128.8	0.391		306.199						8	
9	34.7		1.177		3232.928	49.7	2.227			2458.764		134.7	0.242		171.257						9	
10	35.8		0.876		3267.852	67.4	1.923			2389.441		136.3	0.042		32.915						10	
11																					11	
12	32.9		1.568		3299.184	78.8	2.401			2308.240		32.915									12	
13	26.2		2.058		3323.426	78.8	2.390			2227.050											13	
14	9.4		2.096		3330.730	78.8	2.559			2145.691											14	
15	0.3	0.2	1.832		3328.938	88.3	2.520			2054.871											15	
16		4.1	1.909		3322.929	1073.05	3.270			1927.150											16	
17																					17	
18	9.4		2.190		3311.339	99.6	3.247			2924.303											18	
19	11.3		2.228		3297.811	100.2	2.689			2821.414											19	
20	13.8		2.145		3281.866	101.4	2.410			2717.604											20	
21	23.3		2.183		3256.383	102.0	2.129			2613.475											21	
22	32.7		2.089		3221.594	104.6	1.849			2507.026											22	
23																					23	
24	33.5		2.130		3158.964	106.1	2.096			2398.830											24	
25	32.2		2.167		3151.597	106.1	2.073			2290.657											25	
26	32.5		1.790		3117.307	106.1	2.156			2182.401											26	
27	32.7		1.539		3083.068	105.1	2.276			2074.025											27	
28	32.7		2.135		3048.233	105.2	2.252			1966.573											28	
29																					29	
30	32.7		2.177		3013.356	104.6	1.977			1859.996											30	
31	32.7		2.221		2978.435	104.6	2.156			1753.240											31	
32	32.6		2.990		2942.845	104.6	2.086			1646.554											32	
33	31.9		2.955		2907.990	114.1	1.102			1531.351											33	
34	31.5		3.012		2873.478	117.1	1.460			1412.791											34	
35						115.5	1.568			1295.723											35	
TOTAL	480.1	419.6	57.828			1073.05	2581.2	62.604				1287.4	8.308			39.7		0.106			TOTAL	
DAY	NOVEMBER 1972					APRIL 1973					MAY 1973					JUNE 1973					DAY	
1			0.033		39.561	28.1	0.007			28.093			0.221		594.554			0.122			1	
2			0.025		39.536	43.7	0.009			71.788			0.242		598.012			0.261			2	
3			0.025		39.511	43.3	0.020			115.064	3.7		0.213		603.799			0.252			3	
4			0.008		39.502	43.8	0.027			158.837	2.2		0.231		605.768			0.251			4	
5			0.016		39.487	44.0	0.043			202.794			0.182		605.586			0.240			5	
6			0.016		39.471	43.3	0.082			246.012			0.201		600.385			0.303			6	
7			0.008		40.663	51.2	0.097			297.115	2.0	5.0	0.198		602.187	2.5		0.328			7	
8	1.2		0.000		41.363	55.4	0.112			352.403	7.9		0.215		609.872	1.5		0.329			8	
9	0.7		0.008		41.355	54.9	0.094			407.209	37.7		0.240		647.332			0.274			9	
10			0.008		41.347	45.4	0.136			452.473	58.0		0.289		705.043			0.264			10	
11			0.008		41.339	42.2	0.180			494.493	22.3		0.277		727.066			0.243			11	
12			0.008		41.331	16.4	0.178			510.715			0.250		726.806			0.222			12	
13			0.008		41.323		0.138			510.577			0.225		726.581			0.255			13	
14			0.000		41.323		0.102			510.475			0.193		726.388			0.225			14	
15			0.013		41.310		0.134			510.341			0.316		726.072		3.7	0.204			15	
16			0.000		41.310		0.133			510.208			0.348		725.724		6.0	0.202			16	
17			0.000		41.310	5.0	0.132			515.076			0.285		725.439		6.0	0.243			17	
18			0.008		41.302	3.0	0.131			517.945			0.285		725.154		2.2	0.231			18	
19			0.009		41.293		0.163			517.782			0.271		724.883			0.252			19	
20			0.003		41.287		0.195			517.587			0.235		724.648			0.332			20	
21																					21	
22										517.360			0.228		724.420		3.7	0.367			22	
23										517.134			0.209		724.211		6.0	0.303			23	
24						7.4				524.323			0.214		723.997		6.0	0.238			24	
25						4.5				528.605			0.198		723.799		9.7	0.256			25	
26						5.0				533.367			0.193		723.606		8.2	0.274			26	
27						6.7				539.813			0.201		723.405		6.0	0.282			27	
28						23.3				562.893			0.218		723.187		10.9	0.268			28	
29						25.0				587.652	42.2		0.282		725.105		13.9	0.293			29	
30						7.4				594.924	31.5		0.310		726.295		13.9	0.272			30	
31										594.775	3.7		0.261		729.734		13.9	0.255			31	
TOTAL	1.9		0.204	28.593		599.0		4.225			217.2	5.0	7.411			4.0	110.1	7.821			TOTAL	
DAY	JULY 1973					AUGUST 1973					FOOTNOTES					MARCH 1974					DAY	
1			13.9		671.467													28.5			28.500	1
2			21.3		649.893		53.789			0.000								17.1		0.000	45.600	2
3			25.8		623.827																	3
4			25.8		597.760																	4
5			7.2		590.353							</										

TABLE C-24 (Cont'd)

WATSON DITCH COMPANY
FROM LOWER KANEAH

WATER YEAR 1974, 1975

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
DAY	APRIL 1974					MAY 1974					JUNE 1974					JULY 1974					DAY	
1	53.6		0.010		129,490	16.4		0.409		1386,800			0.264		788,736	2.0	5.5	0.261		649,457	1	
2	89.5		0.045		218,945			0.353		1386,537			0.232		788,504		0.0	0.278		651,179	2	
3	44.9		0.034		263,811			0.349		1386,188			0.263		788,241		4.2	0.260		646,719	3	
4	33.6		0.072		296,339			0.308		1384,880			0.221	0.980	789,000		7.9	0.305		638,514	4	
5	43.6		0.098		340,441			0.330		1384,550			0.230	0.230	789,000		7.9	0.315		630,299	5	
6	43.6		0.063		383,978			0.370		1384,180			0.249	0.249	789,000		7.9	0.268		622,131	6	
7	43.6		0.089		427,489			0.390		1383,790			0.271	0.271	789,000		7.9	0.249		613,982	7	
8	43.6		0.140		470,949			0.426		1383,364			0.303	0.303	789,000		9.2	0.252		604,530	8	
9	43.6		0.049		514,500			0.408		1382,956			0.346	0.346	789,000		3.7	0.212		600,618	9	
10	43.6		0.102		557,998			0.365		1382,591			0.316	0.316	789,000			0.207		600,411	10	
11	43.6		0.158		601,440			0.373		1382,218			0.284	0.284	789,000			0.248		600,163	11	
12	43.6		0.164		644,876			0.383		1381,835			0.285	0.285	789,000			0.268		599,895	12	
13	43.6		0.196		688,280			0.350		1381,485			0.264	0.264	789,000			0.289		599,606	13	
14	43.6		0.258		731,622			0.341		1381,144			0.253	0.253	789,000			0.285		599,321	14	
15	43.6		0.233		774,989			0.374		1380,770			0.253	0.253	789,000			0.282		599,039	15	
16	43.6		0.237		818,352			0.326		1380,444			0.254	0.254	789,000			0.278		598,761	16	
17	43.6		0.240		861,712	84.3		0.303		1295,841		1.2	0.214		787,586			0.318		598,443	17	
18	43.6		0.182		905,130	138.6		0.203		1157,038		0.7	0.227		786,159			0.376		598,067	18	
19	43.6		0.123		948,607	145.8		0.162		1011,076		0.0	0.219		786,440			0.376		597,691	19	
20	43.6		0.221		991,986	127.7		0.206		883,170		6.2	0.239		786,001			0.344		597,347	20	
21	43.6		0.257		1035,329	74.2		0.284		808,746		9.9	0.280		769,821			0.343		597,004	21	
22	43.6		0.261		1078,668	18.6		0.242		789,904		9.9	0.277		759,644			0.396		596,608	22	
23	43.6		0.198		1122,070			0.229		789,675		12.4	0.275		746,969			0.474		596,134	23	
24	43.6		0.134		1165,536			0.239		789,436		17.6	0.271		729,098			0.407		595,727	24	
25	38.7		0.169		1204,067			0.281		789,155		21.1	0.255		707,743			0.441		595,286	25	
26	33.2		0.239		1237,028			0.320		788,835		6.9	0.265		700,578			0.420		594,866	26	
27	31.7		0.274		1268,454			0.292		788,543	2.0		0.258		702,320			0.388		594,478	27	
28	31.7		0.311		1299,843			0.267		788,876		10.4	0.319		691,601			0.391		594,087	28	
29	31.7		0.381		1331,162			0.244		788,032		17.9	0.304		673,397			0.229		593,858	29	
30	39.2		0.463		1369,899			0.243		787,789		17.9	0.279		655,218			0.466		575,992	30	
31								0.242	1.453	789,000				c			17.4	0.443		553,949	31	
TOTAL	1299.4		5.401			16.4	589.2	9.552	1.453		2.0	132.1	7.970	4.288		2.0	93.2	10.069			TOTAL	
DAY	AUGUST 1974					JANUARY 1975					FEBRUARY 1975					MARCH 1975					DAY	
1	24.1		0.742		529,107								0.003		9,862						1	
2	29.0		0.442		499,665								0.002		9,860						2	
3	29.8		0.360		469,505								0.000		9,860						3	
4	27.3		0.305		441,300								0.000		9,860						4	
5	29.5		0.326		412,074							1.2	0.002	b	11.758	11.060					5	
6	30.5		0.303		381,271																6	
7	29.8		0.344		351,127																7	
8	31.5		0.285		319,342					6,200											8	
9	39.1		0.266		279,976					9,900											9	
10	45.587		0.165		196,898					9,899											10	
11	30.7		0.095		106,103					9,898											11	
12	82.1		0.023		23,980					9,897											12	
13	23,980				0,000					9,896											13	
14										9,895											14	
15										9,894											15	
16										9,894											16	
17										9,893							7.4	0.001		7,399	17	
18										9,892							11.9	0.007		19,292	18	
19										9,891							11.9	0.010		31,182	19	
20										9,890							11.9	0.007		43,075	20	
21										9,890											21	
22										9,889											22	
23										9,886											23	
24										9,884											24	
25										9,881											25	
26										9,878											26	
27										9,876											27	
28										9,873											28	
29										9,870											29	
30										9,868											30	
31										9,865											31	
TOTAL	5.587	555.88	3.656			9.9		0.035			1.9		0.007	11.758		481.7		0.695			TOTAL	
DAY	APRIL 1975					MAY 1975					JUNE 1975					JULY 1975					DAY	
1	50.5		0.119		531,386		35.7	0.516		1441,824		1.2	0.289		791,612			0.093		321,817	1	
2	51.4		0.169		582,617		35.7	0.437		1405,687		0.7	0.227		792,086			0.105		321,712	2	
3	51.6		0.134		634,083		35.7	0.415		1369,572			1.2	0.247		790,636			0.101		321,611	3
4	49.9		0.048		684,743		35.7	0.343		1333,528			0.7	0.298		789,640			0.107		321,504	4
5					734,595		35.7	0.375		1297,453			0.0	0.272		789,368			0.114		325,090	5
6	50.5		0.100		784,995		35.7	0.404		1261,369			93.0e	0.237		696,131	3.7		0.131		327,159	6
7	51.6		0.158		836,437		35.7	0.429		1225,220			148.8e	0.178		647,123	2.2		0.118		322,04	

WAYSON DITCH COMPANY
FROM KETCHUM DITCH

QUANTITIES IN ACRE FEET

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TABLE C-25 (Cont'd)

WATSON DITCH COMPANY
FROM KETCHUM DITCH

WATER YEAR 1972, 1973, 1974, 1975

QUANTITIES IN ACRE FEET

NOVEMBER 1972						JULY 1973						AUGUST 1973						OCTOBER 1973						DAY
1											29.8	46.630	0.263		504.859						1			
2											52.422	125.0	0.268		472.013						2			
3											29.8	125.0	0.194		336.619						3			
4											29.8	125.0	0.173		241.246						4			
5											29.8	125.0	0.064		145.982						5			
6											29.8	106.4	0.043		69.339						6			
7												65.5	0.002		1.837						7			
8															0.000		12.2	0.003		12.197	8			
9																	19.5	0.020		31.677	9			
10																	14.5	0.038		46.139	10			
11	13.4		0.003		13.397												10.0	0.034		56.105	11			
12	16.5		0.006		29.891												12.0	0.041		68.064	12			
13	13.5		0.008		43.383	18.6		0.009		81.591							13.2	0.064		81.200	13			
14			0.000		43.369	29.8		0.021		48.370							11.3	0.089		92.411	14			
15			0.014		43.369	29.8		0.026		78.144							11.4	0.079		103.732	15			
16			0.000		43.369	29.8		0.040		107.904							10.9	0.065		114.567	16			
17			0.000		43.369	29.8		0.054		137.650							9.8	0.116		124.251	17			
18			0.008		43.361	29.8		0.074		167.376							9.1	0.123		133.228	18			
19			0.009		43.352	29.8		0.070		197.106							8.9	0.130		142.098	19			
20						29.8											8.9	0.110		150.888	20			
21						29.8		0.092		226.814							8.9	0.029		159.759	21			
22						29.8		0.112		256.502							9.0	0.091		168.668	22			
23						29.8		0.147		286.155							11.6	0.095		180.173	23			
24						29.8		0.162		315.793							14.3	0.067		194.406	24			
25						29.7		0.195		345.298							12.6	0.070		206.936	25			
26						29.7		0.235		374.763							9.8	0.073		216.663	26			
27						29.7		0.255		404.208							8.9	0.113		225.450	27			
28						29.7		0.252		433.666							8.9	0.078		234.272	28			
29						29.7		0.270		463.086							8.9	0.080		243.092	29			
30						29.7		0.244		492.542							8.9	0.123		251.869	30			
31						29.7		0.290		521.952							8.9	0.168		260.601	31			
TOTAL	43.4		0.048			524.5		2.548			201.422	722.37	1.007				262.5	1.899			TOTAL			
NOVEMBER 1973						JULY 1974						AUGUST 1974						FOOTNOTES						DAY
1	8.9		0.129		269.372								0.084		93.939						1			
2	8.9		0.088		278.184								0.083		93.856			a	Transferred to "Watson Ditch company from Lower Kaweah"		2			
3	8.9		0.090		286.994								0.072		93.784						3			
4	8.9		0.093		295.801								0.065		93.715			b	Released because Terminus storage above allowable.		4			
5	8.9		0.142		304.559							1.7	0.073		91.946						5			
6	8.9		0.145		313.314							1.0	0.072		90.874						6			
7	8.9		0.148		322.066	18.6		0.008		18.592		5.753	0.083		85.028			c	Transferred from "Watson Ditch from Ketchum"		7			
8	8.7	330.62	0.150		330.616	29.8		0.028		78.144		46.0	0.005		51.592						8			
9						14.9		0.032		93.012		45.587			0.000			d	Of this amount 22.62 acre-feet was transferred from Jennings Ditch Company on August 2, 1973.		9			
10						2.2		0.039		95.173								e	Of this amount 645.937 acre-feet. Diverted in Lower Kaweah.		10			
11								0.042		95.131											11			
12								0.046		95.085											12			
13								0.045		95.040											13			
14								0.045		94.995											14			
15																					15			
16								0.044		94.951											16			
17								0.050		94.901											17			
18								0.060		94.841											18			
19								0.060		94.781											19			
20								0.054		94.727								f	All water released for diversion in the Lower Kaweah River.		20			
21								0.054		94.673											21			
22								0.063		94.610											22			
23								0.075		94.535											23			
24								0.064		94.471											24			
25								0.070		94.401											25			
26								0.067		94.334											26			
27								0.062		94.272											27			
28								0.062		94.210											28			
29								0.036		94.174											29			
30								0.076		94.098											30			
31								0.075		94.023											31			
TOTAL	71.0	330.62	0.985			95.3		1.277				93.440	0.583								TOTAL			
OCTOBER 1974						NOVEMBER 1974						DECEMBER 1974						JANUARY 1975						DAY
1					13.1			0.014		64.664	7.9		0.052		346.479				0.000		348.116		1	
2					12.6			0.032		77.232	3.0		0.051		349.428				0.051		348.065		2	
3					10.7			0.019		87.913			0.102		349.326				0.051		348.014		3	
4					9.9			0.040		97.773			0.050		349.277				0.051		347.963		4	
5					9.9			0.022		107.651			0.050		349.227				0.051		347.912		5	
6					9.9			0.047		117.504			0.050		349.177				0.000		347.912		6	
7					8.7			0.050		126.154			0.000		349.177				0.000		347.912		7	
8					9.2			0.053		135.301			0.050		349.127				0.000		353.912		8	
9					9.9			0.028		145.173			0.050		349.077				0.000		355.912		9	
10					8.7			0.059		153.814			0.050		349.027				0.051		355.861		10	
11					7.9			0.061		161.653			0.051		348.976				0.051		355.810		11	
12					7.9			0.063		169.490			0.050		348.926				0.052		355.758		12	
13					7.9			0.065		177.325			0.000		348.926				0.052		355.706		13	
14					7.9			0.067		185.158			0.050		348.876				0.052		355.654		14	
15					7.9			0.035		193.023			0.050		348.826				0.053		355.6			

WATSON DITCH COMPANY
FROM KETCHUM DITCH

QUANTITIES IN ACRE FEET

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TABLE C-26

LAKESIDE DITCH COMPANY

WATER YEAR 1971, 1973, 1974

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
MAY 1971						JUNE 1971						JULY 1971						APRIL 1973					
1						69.1		2,055		8055.438		920.0	6,187		13499.910	160.5		0.040		160.460	1		
2						0.0		2,191		8053.247		942.3	5,790		12551.920	196.1		0.044		356.516	2		
3						0.0		2,327		8050.920		942.3	5,596		11604.124	118.9		0.081		475.335	3		
4						105.4		2,480		8153.840		942.3	5,235		10656.661	0.0		0.081		475.254	4		
5						199.4		2,999		8350.241		942.3	5,362		9708.989	0.0		0.103		475.154	5		
6						263.6		2,696		8611.145		942.3	4,786		8762.003	41.5		0.172		516.482	6		
7						341.6		2,035		8940.710		942.3	3,872		7815.931	183.9		0.228		700.154	7		
8						454.3		2,045		9403.406		942.3	3,190		6870.541	325.6		0.325		1029.429	8		
9						489.8		2,749		9887.516		815.4	2,611		6052.730	400.3		0.329		1425.400	9		
10						485.1		2,645		10369.971		738.8	2,636		5311.294	350.7		0.533		1775.567	10		
11						491.7		3,693		10857.978		738.8	2,583		4569.911	359.1		0.775		2133.892	11		
12	0	0			0	494.9		4,201		11348.677		598.1	2,427		3969.384	386.4		0.880		2519.142	12		
13	87.7	0.029			87.671	480.9		4,117		11825.460		513.3	2,378		3463.705	377.5		0.785		2896.127	13		
14	285.2	0.072			372.793	483.4		4,444		12304.416		513.3	2,012		2938.594	296.1		0.635		3191.592	14		
15	481.2	0.237			853.762	502.8		5,648		12801.568		513.1	1,295		2424.193	161.9		0.882		3352.610	15		
16	539.8	0.248			1393.314	509.2		5,577		13305.195		513.3	1,240		1909.659	190.7		0.925		3542.385	16		
17	450.0	0.640			1842.674	487.2		5,986		13786.405		513.3	1,401		1395.958	77.6		0.927		3619.058	17		
18	431.7	0.962			2234.412	414.4		5,908		14194.897		1014.09	2,258		381.608	64.2		0.932		3632.326	18		
19	485.2	0.988			2757.624	326.9		5,315		14416.482		381.61				21.5		1.163		3702.663	19		
20	546.4	1.414			3302.610	375.8		5,957		14886.325						0.0		1.392		3771.271	20		
21	508.4	0.999			3810.011	428.0		6,784		15307.541						0.0		1.625		3699.646	21		
22	346.3	1.500			4150.811	389.1		7,009		15689.546		12515 Acre Feet was released for delivery to Tulare Irrigation District at St. Johns River.						1.617		3698.029	22		
23	327.9	1.246			4481.465	328.8		6,471		16011.875						89.2		1.526		3785.803	23		
24	470.3	2.322			4949.443	261.1		6,330		16266.645						316.4		1.690		4100.513	24		
25	583.1	2.130			5530.413	191.4		6,188		16451.857						449.1		2.029		4547.584	25		
26	611.7	0.866			6141.247	140.1		6,239		16585.718		2269 Acre Feet was released to satisfy loss demands above Modoc Ditch.						507.2		5052.401	26		
27	590.3	1.155			6731.392	103.4		6,108		16685.010						573.8		2.194		5628.009	27		
28	459.7	1.453			7189.639	34.1	613.7	6,720		16096.590		1933 Acre Feet was released to satisfy loss demands between Modoc Ditch and Lakeside Ditch.						596.7		6218.159	28		
29	315.8	0.998			7504.441	0	813.3	6,557		15276.833						569.2		1.459		6785.900	29		
30	271.8	2.543			7773.698	844.4		6,336		14426.097						207.5		1.755		6991.645	30		
31	217.1	2.405			7988.393																	31	
TOTAL	8009.6		21.207			8851.5	2271.4	142.396					14368.2	57.897			7021.7		30.055			TOTAL	
MAY 1973						JUNE 1973						JULY 1973						MARCH 1974					
1	20.1	2.601			7009.144	534.9	2,815		18516.847		346.5	5,483		13336.075	131.4		0.000		131.400	1			
2	18.6	2.846			7028.898	736.8	5,370		17774.677		428.0	5,434		12902.641	535.2		0.000		666.600	2			
3	90.5	2.512			7112.886	842.0	5,333		16927.343		502.0	5,287		12091.340	440.0		0.000		1106.600	3			
4	124.5	2.194			7234.621	769.3	5,074		16152.966		525.8	5,294		11864.252	186.5		0.000		1293.100	4			
5	78.4	2.194			7310.827	191.7	4,788		15956.481		525.8	3,968		11334.484	52.1		0.000		1345.200	5			
6		2,451			7314.076	48.4	6,056		15998.816		525.6	4,096		10804.798							6		
7	5.7	2,417			7333.159	12.4	4,317		16004.778		525.6	4,143		10275.051							7		
8	162.2	2,635			7462.224	7.4	6,565		16005.613		525.6	4,134		9745.321							8		
9	462.8	2,920			7889.904		5,474		16000.139		525.6	4,112		9215.609							9		
10	804.2	3,565			8690.539		5,264		15994.875		525.6	3,806		8686.203							10		
11	805.4	3,618			9492.331		4,846		15990.029		525.6	3,378		8157.225							11		
12	805.4	3,676			10294.045	18.6	4,434		16004.195		501.0	3,108		7653.117							12		
13	824.0	3,435			11114.610		5,105		15999.090		486.1	2,967		7164.050							13		
14	835.1	3,167			11946.543		4,496		15934.594		486.1	2,938		6670.012							14		
15	835.2	5,560			12776.183	93.0	4,071		15997.523		510.9	2,669		6161.433							15		
16	711.3	6,461			13481.022		4,032		15745.891		525.6	1,865		5631.978							16		
17	636.9	5,548			14112.374		4,837		15597.954		525.6	1,916		5106.462							17		
18	639.1	5,732			14744.692		4,578		15459.976		525.6	1,791		4579.071							18		
19	637.6	5,188			15376.539		4,939		15332.237		525.6	1,784		4051.687							19		
20	636.8	5,188			16008.151		6,462		15199.374		525.8	1,248		3524.639							20		
21	636.8	5,227			16639.724		108.6		15083.616		525.8	1,215		2997.624							21		
22	636.8	5,976			17271.548		100.2		14977.540		525.8	1,083		2470.741							22		
23	636.8	5,301			17903.047		111.8		14861.110		525.8	1,002		1943.939							23		
24	636.8	5,061			18534.786		123.3		14732.799		525.8	0.726		1417.417							24		
25	370.3	5,048			18900.038		119.5		14607.921		525.6	0.504		891.309							25		
26	210.3	5,313			19105.025		113.8		14488.599		525.6	0.229		365.480							26		
27	210.3	5,833			19309.492		118.0		14365.311		265.480			0							27		
28	78.9	7,135			19981.257		164.4		14195.089												28		
29		7,539			19373.718		217.7		13931.953												29		
30		6,316			19367.402		278.8		13688.058												30		
31		8,040			19054.568																31		
TOTAL	2581.8	382.0	136.883			86.6	5297.1	156.204				1612.2	74.178			1944.3		0.000			TOTAL		
FOOTNOTES						APRIL 1974						MAY 1974						JUNE 1974					
1	a Diverted by consolidated Irrigation District. May 10 73.2 acre feet credited for Consolidated Irrigation District May 10 to 25th 1947.8 acre feet storage for Central Valley Project exchange water.					343.0	0.174		2287.126	331.1	2,887		9783.000				5,475	212.525	16173.000	1			
2						561.5	0.587		2848.039	434.2	2,606		10215.494				4,755	146.245	16022.000	2			
3						502.4	0.436		3350.003	473.7	2,694		10686.500				5,351	125.649	15891.000	3			
4						374.0	0.909		3723.094	471.9	2,477		11155.923				4,449						

LAKE SIDE DITCH COMPANY

QUANTITIES IN ACRE FEET

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ERSIAN DITCH COMPANY
FROM LOWER KAWEAH

QUANTITIES IN ACRE FEET

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TABLE C-27 (Cont'd)

WATER YEAR 1973, 1974, 1975

PERSIAN DITCH COMPANY
FROM LOWER KAWAH

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
DAY	APRIL 1973					MAY 1973					JUNE 1973					JULY 1973					DAY	
1	24.8		0.006		24.794	42.4		0.255		686.734			0.169		1112.159		33.7	0.217		770.960	1	
2	40.8		0.008		65.086	32.2		0.291		718.643			0.336		1111.823		33.7	0.310		736.950	2	
3	40.8		0.018		105.868	52.3		0.272		770.671			0.350		1111.473		33.7	0.300		702.950	3	
4	41.5		0.025		147.343	63.5		0.319		833.862			0.349		1111.124		33.7	0.299		668.951	4	
5	41.6		0.040		188.903	46.1		0.264		879.688			0.333		1110.791		33.7	0.222		635.029	5	
6	40.8		0.076		229.627	32.0		0.305		911.383			0.421		1110.370		26.3	0.230		608.499	6	
7	39.1		0.087		268.640	37.2		0.312		948.271			0.446		1109.924		21.8	0.236		586.463	7	
8	37.9		0.097		306.443	57.8		0.355		1005.716			0.455		1109.469		26.5	0.238		560.725	8	
9	37.4		0.079		343.764	29.3		0.281		1030.635			0.379		1109.090		38.9	0.237		521.592	9	
10	14.0		0.107		357.657			0.423		1030.212			0.365		1108.725		44.4	0.209		476.983	10	
11			0.130		357.527			0.393		1029.819			0.336		1108.389		47.4	0.178		429.405	11	
12			0.125		357.402			0.368		1029.451			0.307		1108.082		55.8	0.152		371.453	12	
13			0.097		357.305			0.318		1029.133			0.263		1107.729		59.5	0.130		313.823	13	
14			0.071		357.234			0.273		1028.860			0.211		1107.418		59.5	0.112		254.211	14	
15			0.094		357.140			0.448		1028.412			0.282		1100.936		59.5	0.085		194.626	15	
16			0.093		357.047			0.493		1027.919			0.280		1091.956		59.5	0.045		135.081	16	
17			0.091		356.956			0.404		1027.515			0.336		1081.720		59.5	0.028		75.553	17	
18			0.090		356.866			0.404		1027.111			0.320		1079.200		59.5	0.006		16.047	18	
19			0.112		356.754			0.384		1026.727			0.347		1076.853		16.047			0	19	
20			0.134		356.620			0.333		1026.394			0.457		1074.396						20	
21			0.157		356.463			0.322		1026.072			0.505		1068.191						21	
22			0.156		356.307			0.296		1025.776			0.417		1059.874						22	
23			0.144		356.163			0.304		1025.472			0.323		1035.451						23	
24			0.147		356.016			0.280		1025.192			0.341		1001.410						24	
25	16.1		0.166		371.950			0.274		1024.918			0.356		967.354						25	
26	33.2		0.191		404.959			0.285		1024.633			0.358		928.196						26	
27	41.4		0.174		446.185			0.295		1024.324			0.334		907.062						27	
28	63.5		0.209		509.476	18.6		0.384		1024.540			0.368		871.004						28	
29	70.4		0.125		579.751	29.8		0.417		1071.923			0.327		838.977						29	
30	65.0		0.162		644.589	29.8		0.359		1101.364			0.300		804.977						30	
31						11.2		0.236		1112.328											31	
TOTAL	647.8		3.211			478.2		10.461				296.8	10.551				801.65	3.230			TOTAL	
DAY	FOOTNOTES					MARCH 1974					APRIL 1974					MAY 1974					DAY	
1						19.8		0.000		19.800	51.3		0.009		112.091		29.8		0.306		1037.236	1
2						11.9		0.000		31.700	76.4		0.039		188.852		42.2		0.275		1079.161	2
3	a Transferred from "Persian Ditch Company from Ketchum"										29.8		0.028		218.224		52.1		0.285		1130.976	3
4											18.6		0.058		236.766		20.1		0.256		1150.820	4
5											29.8		0.077		266.489		0.0		0.274		1150.586	5
6	b Released because of encroachment into flood control space.										29.8		0.049		296.240				0.307		1150.239	6
7											29.8		0.068		325.972				0.324		1169.915	7
8											29.8		0.106		365.666				0.354		1189.561	8
9	c Kaweah Delta Water Conservation District supplied evaporation June 4th to June 16th 1974.										29.8		0.037		385.429				0.339		1189.222	9
10											29.8		0.076		415.153				0.303		1188.919	10
11											29.8		0.117		444.836				0.310		1188.609	11
12											29.8		0.121		474.515				0.318		1188.291	12
13											29.8		0.184		504.171				0.291		1188.000	13
14											29.8		0.188		533.783				0.284		1187.716	14
15											29.8		0.170		563.413				0.311		1187.405	15
16											29.8		0.172		593.041				0.271		1187.134	16
17											29.8		0.174		622.667				0.266		1138.168	17
18											29.8		0.131		652.336		36.2		0.193		1101.775	18
19											29.8		0.089		682.047		18.6		0.173		1083.002	19
20											29.8		0.159		711.668				0.292		1082.750	20
21											29.8		0.184		741.304				0.300		1082.450	21
22											29.8		0.187		770.917				0.331		1082.119	22
23											29.8		0.141		800.576				0.318		1081.805	23
24											29.8		0.094		830.281				0.328		1081.477	24
25											29.8		0.120		859.901				0.385		1081.042	25
26											29.8		0.172		889.589				0.439		1080.653	26
27											29.8		0.199		919.190				0.400		1080.243	27
28						6.2		0.000		37.900	29.8		0.227		948.713				0.365		1079.888	28
29						8.7		0.000		46.600	29.8		0.280		978.763				0.335		1079.553	29
30						3.0		0.000		49.600	29.8		0.341		1007.742				0.333		1079.220	30
31						11.2		0.000		60.800									0.331	6.111	1085.000	31
TOTAL	89.5	415.401	2.457			60.8					950.2		3.958				144.2	63.5	9.553	6.111	TOTAL	
DAY	JUNE 1974					JULY 1974					AUGUST 1974					MARCH 1975					DAY	
1			0.362		1084.638	46.1		0.323		804.300	31.7		0.084		94.096							1
2			0.319		1084.319	67.2		0.314		736.786	31.7		0.055		62.341							2
3			0.362		1083.957	80.4		0.204		656.122	31.7		0.024		30.617							3
4			0.304		1084.000	83.3		0.273		572.549	30.617				0.000							4
5			0.317	1.247	1085.000	83.3		0.245		489.004												5
6			0.343		1085.000	83.3		0.174		405.530												6
7			0.372		1085.000	83.3		0.131		322.059												7
8			0.417		1085.000	83.3		0.099		232												

PERSIAN DITCH COMPANY
FROM LOWER KAWEAH

QUANTITIES IN ACRE FEET

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PERSIAN DITCH COMPANY
FROM KETCHUM DITCH

WATER YEAR 1971, 1972

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE			
DAY	APRIL 1971					MAY 1971					JUNE 1971					JULY 1971					DAY		
1								0.048		131.845			0.033		130.805			0.059		129.339	1		
2								0.041		131.804			0.036		130.769			0.060		129.279	2		
3								0.011		131.793			0.038		130.731			0.062		129.217	3		
4								0.017		131.776			0.040		130.691		17.8	0.073		129.146	4		
5								0.022		131.754			0.047		130.644		28.4	0.097		129.075	5		
6								0.010		131.744			0.041		130.603		28.5	0.111		129.006	6		
7								0.000		131.744			0.044		130.559		28.6	0.115		128.941	7		
8								0.025		131.719			0.049		130.510		28.6	0.121		128.876	8		
9								0.039		131.680			0.036		130.474		28.7	0.125		128.811	9		
10								0.038		131.642			0.033		130.441		28.9	0.158		128.746	10		
11								0.046		131.596			0.044		130.397		28.8	0.196		128.681	11		
12								0.045		131.551			0.048		130.349		28.9	0.229		128.616	12		
13								0.044		131.507			0.045		130.304		28.9	0.278		128.551	13		
14								0.025		131.482			0.047		130.257		28.9	0.296		128.486	14		
15								0.037		131.445			0.057		130.200		28.9	0.246		128.421	15		
16								0.023		131.422			0.055		130.145		28.9	0.318		128.356	16		
17								0.046		131.376			0.057		130.088		28.9	0.149		128.291	17		
18								0.056		131.320			0.054		130.034		28.8	0.369		128.226	18		
19								0.047		131.273			0.048		129.986		28.9	0.417		128.161	19		
20								0.056		131.217			0.052		129.934		28.9	0.528		128.096	20		
21								0.034		131.183			0.058		129.876		28.9	0.437		128.031	21		
22								0.047		131.136			0.059		129.817		29.1	0.493		127.966	22		
23								0.037		131.099			0.053		129.764		27.9	0.502		127.901	23		
24	16.5		0.006		16.494			0.062		131.037			0.051		129.713		27.1	0.537		127.836	24		
25	26.4		0.015		42.879			0.051		130.986			0.049		129.664		21.9	0.680		127.771	25		
26	26.6		0.024		69.455			0.019		130.967			0.054		129.610		21.5	0.603		127.706	26		
27	26.5		0.028		95.927			0.003		130.964			0.047		129.563		20.3	0.571		127.641	27		
28	26.3		0.047		122.180			0.027		130.937			0.052		129.511		19.1	0.673		127.576	28		
29	9.8		0.044		131.936			0.017		130.920			0.056		129.455		17.7	0.522		127.511	29		
30	0.0		0.043		131.893			0.043		130.877			0.057		129.398		15.6	0.538		127.446	30		
31								0.039		130.838							16.1	0.785		127.381	31		
TOTAL	132.1		0.207					1.055					1.440				723.5	10.138			TOTAL		
DAY	AUGUST 1971					NOVEMBER 1971					DECEMBER 1971					MARCH 1972					DAY		
1	15.8		0.784		857.776						12.2		0.075		227.549						1		
2	15.0		0.780		871.996						10.1		0.000		237.649						2		
3	13.6		0.776		884.820						9.3		0.000		246.949						3		
4	11.7		0.717		895.803						10.6		0.000		257.549						4		
5	4.2		0.752		899.251						11.4		0.042		268.907						5		
6	0.0		0.787		898.464						10.1		0.000		279.007						6		
7			0.881		897.583						9.3		0.044		288.262						7		
8			0.851		896.732						6.7		0.045		294.918						8		
9			0.883		895.849						5.2		0.090		300.028						9		
10			0.983		894.866						6.4		0.000		306.428						10		
11	894.87				000.000						6.2		0.000		312.628						11		
12						18.1		0.000		18.100		10.3		0.000		322.928					12		
13						24.0		0.000		42.100		2.6		0.000		325.528					13		
14						18.6		0.000		60.700			7.7	0.000		317.828					14		
15						14.6		0.014		75.286			9.9	0.049		307.897					15		
16						10.6		0.017		85.869			11.2	0.048		296.631					16		
17						11.8		0.038		97.631											17		
18						10.3		0.021		107.910											18		
19						8.3		0.044		116.166											19		
20						7.5		0.046		122.620											20		
21						7.5		0.049		131.071											21		
22						6.1		0.050		137.121											22		
23						6.6		0.052		143.669											23		
24						7.6		0.054		151.215											24		
25						7.5		0.028		158.687											25		
26						8.9		0.029		167.558											26		
27						8.1		0.000		175.658											27		
28						9.7		0.000		185.358											28		
29						15.2		0.034		200.524											29		
30						14.9		0.000		215.424											30		
31																					31		
TOTAL	60.3	894.87	8.194			215.6		0.476				1104.0	28.8	0.393			230.5	0.488			TOTAL		
DAY	APRIL 1972					MAY 1972					JUNE 1972					JULY 1972					DAY		
1	27.0		0.093		256.919			0.280		850.269		29.0		0.551		1099.093		0.7		1.121		1312.875	1
2	26.9		0.100		283.719			0.316		849.953		25.7		0.447		1124.346				1.151		1304.324	2
3	26.8		0.177		310.342			0.262		849.691		24.4		0.453		1148.293				1.258		1290.766	3
4	26.6		0.149		336.793			0.382		849.309		27.0		0.537		1174.756				1.209		1277.257	4
5	26.7		0.078		363.415			0.370		848.939		10.7		0.856		1184.600				1.159		1263.798	5
6	26.9		0.164		390.151			0.320		848.619			0.1	0.585		1181.915				1.021		1250.477	6
7	27.0		0.172		416.979			0.351		848.268			18.0	0.539		1165.376				1.051		1237.226	7
8	26.6		0.149		443.900			0.305		847.963			23.4	0.640		1141.336				1.089		1224.227	8
9	26.7		0.184		470.416			0.338		847.625			20.5										

TABLE C-28 (Cont'd)

PERSIAN DITCH COMPANY
FROM KETCHUM DITCH

WATER YEAR 1972, 1973, 1974, 1975

QUANTITIES IN ACRE FEET

AUGUST 1972						NOVEMBER 1972						JULY 1973						AUGUST 1973						DAY
DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY			
1		56.5	0.612		492.523											17.9		0.180			346.078	1		
2		56.5	0.696		435.327											17.9		0.226			363.752	2		
3		56.5	0.436		378.391											17.9		0.213			381.439	3		
4		52.1	0.443		325.848											17.9		0.287			399.062	4		
5		49.4	0.388		276.060											17.9		0.182			416.770	5		
6		49.4	0.288		226.376												0.7	0.260			415.810	6		
7		49.4	0.232		176.740												5.7	0.271			409.839	7		
8		49.4	0.162		127.178												57.64	0.230			351.973	8		
9		51.8	0.106		75.272												60.0	0.188			291.785	9		
10		53.2	0.028		22.044												60.3	0.162			231.323	10		
11		22.044				12.1		0.002		12.098							59.5	0.137			171.686	11		
12						15.7		0.005		27.793							70.7	0.080			100.906	12		
13						13.5		0.008		41.285							48.9	0.041			51.965	13		
14								0.003		41.285		17.4		0.008		17.392						14		
15								0.014		41.271		27.8		0.020		45.172						15		
16								0.000		41.271		27.8		0.025		72.947						16		
17								0.008		41.263		27.8		0.028		100.709						17		
18								0.009		41.254		27.8		0.050		128.459						18		
19								0.009		41.245		27.8		0.058		131.348						19		
20												9.2		0.050		140.498						20		
21												10.4		0.061		150.837						21		
22												17.8		0.074		168.563						22		
23												17.9		0.096		186.367						23		
24												17.9		0.105		204.162						24		
25												17.9		0.125		221.937						25		
26												17.9		0.150		239.687						26		
27												17.9		0.162		257.425						27		
28												17.9		0.160		275.165						28		
29												17.9		0.171		292.894						29		
30												17.9		0.182		310.640						30		
31												17.9				328.358						31		
TOTAL		546.24	3.391			41.3		0.055			354.9	24.853	1.689			89.5	415.401	2.457				TOTAL		
OCTOBER 1973						NOVEMBER 1973						JULY 1974						AUGUST 1974						DAY
1						8.9		0.123		255.586								0.073			82.104	1		
2						8.9		0.084		264.402								0.072			82.032	2		
3						8.9		0.086		273.216								0.063			81.969	3		
4						8.9		0.088		282.028								0.056			81.021	4		
5						8.9		0.136		290.792								0.037			46.384	5		
6						8.9		0.139		299.553								0.021			12.963	6		
7						8.9		0.142		308.311		17.4		0.007		17.393				0.000		7		
8	12.2	0.003			12.197	8.9	317.07	0.144		317.067		27.7		0.019		45.074						8		
9	18.2	0.019			30.378							27.7		0.026		72.748						9		
10	13.8	0.027			44.151							10.5		0.029		83.219						10		
11	10.0	0.033			54.118							0.0		0.034		83.185						11		
12	11.9	0.039			65.979									0.037		83.148						12		
13	12.1	0.061			78.018									0.040		83.108						13		
14	11.3	0.036			89.232									0.040		83.068						14		
15	11.4	0.077			100.555									0.039		83.029						15		
16	10.9	0.063			111.392									0.039		82.990						16		
17	9.7	0.113			120.979									0.044		82.946						17		
18	7.6	0.119			128.460									0.052		82.842						18		
19	6.8	0.124			135.136									0.048		82.794						19		
20	6.8	0.103			141.833									0.048		82.746						20		
21	6.8	0.027			148.606									0.055		82.691						21		
22	7.0	0.084			155.522									0.066		82.625						22		
23	10.9	0.088			166.334									0.056		82.569						23		
24	14.3	0.062			180.572									0.061		82.508						24		
25	12.6	0.066			193.106									0.058		82.450						25		
26	9.8	0.068			202.838									0.054		82.396						26		
27	8.9	0.106			211.632									0.054		82.342						27		
28	8.9	0.073			220.459									0.032		82.310						28		
29	8.9	0.075			229.284									0.057		82.243						29		
30	8.9	0.116			238.068									0.066		82.177						30		
31	8.9	0.159			246.809																	31		
TOTAL	248.6		1.791			71.2	317.07	0.942			83.3		1.123			81.855	0.322					TOTAL		
OCTOBER 1974						NOVEMBER 1974						DECEMBER 1974						JANUARY 1975						DAY
1						13.1		0.013		57.667		7.2		0.048		321.817		0.000			323.547	1		
2						12.6		0.029		70.238		3.0		0.048		324.769		0.048			323.499	2		
3						10.7		0.017		80.921				0.095		324.674		0.048			323.451	3		
4						8.7		0.037		89.584				0.045		324.629		0.048			323.403	4		
5						7.9		0.020		97.464				0.046		324.583		0.048			323.355	5		
6						7.9		0.042		106.322				0.046		324.537		0.000			323.355	6		
7						7.9		0.045		113.177				0.000		324.537		0.000			323.355	7		
8						7.9		0.047		121.030				0.046		324.491		0.000			323.155	8		
9						7.9		0.025		128.905				0.047		324.444		0.000			323.455	9		
10						7.9		0.052		136.753				0.047		324.397		0.047			323.408	10		
11						7.9		0.054		144.599				0.047		324.350		0.047			323.361	11		
12						7.9		0.057		152.442														

TABLE C-28 (Cont'd)

PERSIAN DITCH COMPANY
FROM KETCHUM DITCH

WATER YEAR 1975

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	FEBRUARY 1975					MARCH 1975					APRIL 1975					MAY 1975					DAY
1	11.4		0.104		318.310																1
2	15.9		0.054		334.156																2
3	22.0		0.000		356.256																3
4	27.0		0.000		383.256																4
5	26.5		0.065		409.691																5
6																					6
7	24.5		0.000	434.191	0.000																7
8																					8
9																					9
10																					10
11																					11
12																					12
13																					13
14																					14
15																					15
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17																					17
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22																					22
23																					23
24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL	127.4		0.223	434.191		33.4	33.380	0.020			369.6		1.800			3.841					TOTAL
DAY	JUNE 1975					JULY 1975					AUGUST 1975										DAY
1			0.133		363.826			0.104		360.107			40.2	0.282	397.393						1
2			0.104		363.722			0.117		359.990			41.7	0.264	355.429						2
3			0.113		363.609			0.113		359.877			37.9	0.223	317.306						3
4			0.137		363.472			0.120		359.757			41.9	0.234	275.172						4
5			0.125		363.347			0.127		359.630			51.8	0.173	223.199						5
6			0.124		363.223			0.145		359.485			55.5	0.102	167.597						6
7			0.118		363.105			0.130		359.355			55.5	0.067	112.030						7
8			0.127		362.978			0.143		359.212			49.4	0.051	62.579						8
9			0.141		362.837			0.064		376.598			45.6	0.012	16.967						9
10			0.150		362.687			0.179		404.169			16.967								10
11			0.121		362.566			0.181		431.688											11
12			0.151		362.415			0.204		459.184											12
13			0.146		362.269			0.212		486.672											13
14			0.122		362.147			0.230		514.142											14
15			0.130		362.017			0.179		541.663											15
16			0.120		361.897			0.104		569.169											16
17			0.121		361.776			0.238		579.579											17
18			0.102		361.674			0.249		587.330											18
19			0.103		361.571			0.260		595.070											19
20			0.099		361.472			0.285		602.785											20
21			0.114		361.358			0.351		610.434											21
22			0.130		361.228			0.350		618.084											22
23			0.125		361.103			0.370		612.014											23
24			0.111		360.992			0.373		597.741											24
25			0.097		360.895			0.413		576.028											25
26			0.123		360.772			0.370		557.358											26
27			0.139		360.633			0.315		543.143											27
28			0.140		360.493			0.273		526.470											28
29			0.151		360.342			0.272		504.598											29
30			0.131		360.211			0.280		474.318											30
31								0.243		437.875											31
TOTAL			3.748			282.1	197.35	7.084			436.47		1.408								TOTAL
DAY																					DAY
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
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30																					30
31																					31

TABLE C-29

LONOS CANAL

WATER YEAR 1971, 1972, 1973

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
DAY	APRIL 1971					MAY 1971					JUNE 1971					JULY 1971					DAY	
1						6.0		0.009		25.575			0.024		92.883			0.042		91.843	1	
2						6.0		0.010		25.565			0.025		92.858			0.042		91.801	2	
3						6.0		0.003		25.562			0.027		92.831			0.044		91.757	3	
4						6.0		0.006		25.556			0.028		92.803			0.045		91.712	4	
5						6.0		0.008		25.548			0.033		92.770			0.051		91.661	5	
6						13.4		0.005		26.943			0.029		92.741			0.050		91.611	6	
7						10.4				27.343			0.031		92.710			0.045		91.566	7	
8						6.0		0.015		27.328			0.035		92.675		6.3	0.040		85.326	8	
9						6.0		0.025		26.303			0.026		92.649		9.9	0.033		75.393	9	
10						6.0		0.026		26.277			0.024		92.625		9.9	0.033		65.460	10	
11						2.2		0.033		23.444			0.032		92.593		3.7	0.035		61.725	11	
12						0.2		0.032		23.412			0.034		92.559		0	0.038		61.687	12	
13						0.031		0.031		23.381			0.032		92.527		0	0.042		61.645	13	
14						0.018		0.033		23.363			0.033		92.494		0	0.042		61.603	14	
15						0.026		0.033		23.337			0.041		92.453		0	0.033		61.570	15	
16								0.017		23.320			0.039		92.414		0	0.040		61.530	16	
17								0.032		23.288			0.040		92.374		0	0.018		61.512	17	
18								0.040		23.248			0.038		92.336		6.2	0.037		61.275	18	
19								0.023		23.215			0.034		92.302		9.9	0.033		45.342	19	
20								0.040		23.175			0.037		92.265		9.9	0.025		35.417	20	
21								0.024		23.151			0.041		92.224		9.9	0.018		25.409	21	
22								0.034		23.117			0.042		92.182		3.7	0.016		21.788	22	
23								0.026		23.091			0.037		92.145		0	0.016		21.767	23	
24								0.044		23.047			0.036		92.109		0	0.016		21.751	24	
25								0.036		23.011			0.035		92.074		0	0.014		21.737	25	
26								0.013		22.998			0.038		92.036		0	0.017		21.720	26	
27	3.7		0.001		3.699			0.002		22.996			0.034		92.002		6.2	0.011		15.509	27	
28	6.0		0.004		6.695			0.019		22.977			0.037		91.965		9.9	0.005		5.604	28	
29	4.7		0.009		14.390			0.012		22.965			0.040		91.925		5.6			0	29	
30	5.2		0.006		19.584			0.010		22.935			0.040		91.885		13.9	0.004		4.996	30	
31								0.028		22.907										18.878	31	
TOTAL	19.6		0.016			74.0		0.677					1.022			22.6	94.704	0.903			TOTAL	
DAY	AUGUST 1971					NOVEMBER 1971					DECEMBER 1971					FEBRUARY 1972					DAY	
1	13.9	0	0.030		32.748					27.9	0.172		524.619		524.619						1	
2	13.9	0	0.042		46.606					29.8	0		553.619		553.619		18.6	0.009		18.591	2	
3	0	1.0	0.040		45.566					29.8	0		585.419		585.419		0			25.991	3	
4		9.9	0.029		35.637					29.8	0		612.219		612.219		17.4			39.672	4	
5		24	0.009		10.828					29.8	0.100		642.919		642.919		3.7	0.019			39.672	5
6		10.4			0					29.8	0		672.719		672.719			0		39.672	6	
7										29.8	0.108		712.411		712.411			0.009		39.663	7	
8										29.8	0.112		742.099		742.099			0		39.663	8	
9										29.8	0.232		771.667		771.667			0.009		39.654	9	
10										29.8	0		801.467		801.467			0.017		39.637	10	
11										29.8	0		831.267		831.267			0.017		39.620	11	
12						14.9				29.8	0		861.067		861.067			0.017		39.602	12	
13						23.8				29.8	0		890.867		890.867			0.008		39.595	13	
14						23.8				29.8	0		920.667		920.667			0		39.595	14	
15						23.8	0.016			29.8	0.151		950.216		950.216			0.008		39.587	15	
16						23.8	0.022			29.8	0.159		979.957		979.957			0.008		39.579	16	
17						26.3	0.053			29.8	0.159		0.000		0.000			0.008		39.571	17	
18						27.8	0.032			29.8	0							0.008		39.563	18	
19						27.8	0.073			29.8	0							0.016		39.547	19	
20						27.8	0.082			29.8	0							0.008		39.539	20	
21						27.8	0.092			29.8	0							0.008		39.531	21	
22						27.8	0.101			29.8	0							0.016		39.515	22	
23						27.8	0.110			29.8	0							0.008		39.507	23	
24						27.8	0.119			29.8	0							0.008		39.499	24	
25						27.8	0.063			29.8	0							0.008		39.491	25	
26						27.8	0.068			29.8	0							0.008		39.483	26	
27						27.8	0			29.8	0							0.008		39.466	27	
28						27.8	0			29.8	0							0.008		39.458	28	
29						27.8	0.079			29.8	0							0.008		39.450	29	
30						27.8	00			29.8	0										30	
31						27.8				29.8											31	
TOTAL	27.8	46.528	0.150			497.8		0.909			474.1	979.96	1.034			39.7		0.250			TOTAL	
DAY	MARCH 1972					APRIL 1972					MAY 1972					JUNE 1972					DAY	
1			0.017		39.433			0.014		38.920			0.088		266.075			0.215		429.674	1	
2			0.017		39.416			0.014		38.906	2.5		0.100		268.475			0.170		426.804	2	
3			0.008		39.408			0.022		38.884	1.5		0.083		269.892			0.167		424.637	3	
4			0.017		39.391			0.017		38.867			0.121		269.771			0.193		422.444	4	
5			0.016		39.375			0.008		38.859			0.118		269.653			0.204		420.140	5	
6			0.016		39.359	6.2		0.019		45.040			0.102		269.551			0.207		417.933	6	
7			0.016		39.343	13.6		0.024		58.616			0.112		269.439			0.192		415.741	7	
8			0.016		39.327	15.9		0.030		74.486			0.097		269.342			0.232		413.509	8	
9			0.016		39.311	15.9		0.035		90.351			0.107		269.235		1.7	0.151		411.054	9	
10			0.016		39.295	15.9		0.041		106.210			0.140		269.095		4.0	0.112		418.946	10	
11			0.015		39.279	15.9		0		122.110			0.160		268.955			0.201		422.745	11	
12			0.016		39.263	15.9		0.037		177.973			0.160		268.755			0.264		426.481	12	
13			0.015		39.248	15.9		0.041		153.832			0.187		268.558			0.271		430.210	13	
14			0.015		39.233	15.9		0.029		169.703			0.171		268.397			0.247		433.963	14	
15			0.015		39.218	15.9		0.031		185.572			0.168		268.229			0.251		436.412		

TABLE C-29 (Cont'd)

LONOS CANAL

WATER YEAR 1972, 1973, 1974

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
JULY 1972																					
1	11.9		0.449		526.288	29.8	0.901			725.619	12.4		0.003		12.397	1					
2		3.0	0.462		522.826	18.6	1.128			705.891	19.8		0.004		32.103	2					
3		11.9	0.498		510.428	11.9	0.798			693.193	21.1		0.009		53.284	3					
4		11.9	0.472		498.056	11.9	0.925			680.368	23.1		0.013		76.371	4					
5		11.9	0.445		485.711	11.9	0.937			667.531	23.8		0.021		100.150	5					
6		11.9	0.387		473.424	11.9	0.833			654.798	21.3		0.040		121.410	6					
7		11.9	0.392		461.132	11.9	0.844			642.054	19.8		0.046		141.164	7					
8		23.1	1.056		1436.976	16.9	0.797			624.357	18.6		0.051		159.713	8					
9		29.8	1.274		1406.902	27.3	0.843			596.214	16.6		0.078		176.272	9					
10		29.8	1.106		1374.596	31.7	0.711			563.803	6.0		0.055		182.217	10					
11		29.8	1.398		1343.798	31.7	0.682			531.421		17.4	0.003		182.151	11					
12		29.8	1.409		1312.589	31.7	0.652			499.069		27.8	0.008		182.087	12					
13		29.8	1.528		1281.261	31.7	0.619			466.750			0.013		182.038	13					
14		23.6	1.541		1256.120	31.7	0.484			434.566			0.000		182.002	14					
15		19.8	1.324		1234.986	31.7	0.361			402.505			0.024		181.954	15					
16		19.8	1.348		1211.838	31.7	0.418			370.387			0.000		181.907	16					
17		26.0	1.131		1186.707	31.7	0.385			338.302			0.000		181.860	17					
18		29.8	1.025		1155.882	31.7	0.351			306.251			0.014		181.814	18					
19		29.8	0.917		1125.165	31.7	0.316			274.235			0.015	23.923	181.777	19					
20		29.8	0.807		1094.558	31.7	0.281			242.254			0.011		181.689	20					
21		29.8	0.930		1063.828	31.7	0.295			210.259					181.609	21					
22		29.8	0.935		1033.093	31.7	0.252			178.307					181.520	22					
23		29.8	0.906		1002.363	31.7	0.208			146.398					181.431	23					
24		29.8	1.066		971.437	31.7	0.165			114.533					201.169	24					
25		29.8	1.077		940.560	31.7	0.120			82.713					201.079	25					
26		29.8	0.967		909.793	31.7	0.074			50.939					200.984	26					
27		29.8	1.081		878.912	31.7	0.028			19.211					200.906	27					
28		29.8	1.074		848.038	19.211									200.824	28					
29		29.8	0.589		816.649										200.781	29					
30		29.8	0.813		787.036										200.731	30					
31		29.8	0.916		756.320											200.731	31				
TOTAL	1011.9	741.0	29.417			741.911	14.409				73.0		0.088	23.923		202.3		1.569			TOTAL
AUGUST 1973																					
1	9.9		0.078		210.553	2.7	0.122			801.591	6.0		0.321		779.728	1					
2	15.9		0.092		226.361		0.242			801.349	6.0		0.326		773.402	2					
3	15.9		0.086		242.175		0.252			801.097	6.0		0.328		767.074	3					
4	15.9		0.099		257.976		0.252			800.845	6.0		0.339		760.735	4					
5	15.9		0.082		273.794		0.240			800.605	6.0		0.264		754.471	5					
6	15.9		0.097		289.597		0.303			800.302	6.0		0.283		748.188	6					
7	15.9		0.101		305.396		0.322			799.980	6.0		0.299		741.889	7					
8	15.9		0.113		321.183		0.328			799.658	6.0		0.312		735.577	8					
9	8.4		0.102		329.461		0.273			799.122	6.0		0.325		729.252	9					
10	4.0		0.137		353.324		0.263			799.116	6.0		0.317		722.935	10					
11	4.0		0.129		337.195		0.242			798.874	6.0		0.297		716.638	11					
12	4.0		0.122		341.073	2.5	0.222			801.152	6.0		0.289		710.349	12					
13	4.0		0.107		344.966	1.5	0.256			802.396	6.0		0.292		704.057	13					
14	4.0		0.093		348.873		0.225			802.171	6.0		0.308		697.749	14					
15	18.8		0.160		367.513	1.2	0.205			800.766	6.0		0.300		691.449	15					
16	27.8		0.189		395.124		0.206			799.861	6.0		0.227		685.222	16					
17	27.8		0.166		422.758		0.248			799.613	6.0		0.255		678.967	17					
18	27.8		0.177		450.381		0.237			799.376	6.0		0.263		678.704	18					
19	27.8		0.179		477.002		0.257			799.119	6.0		0.293		666.411	19					
20	27.8		0.164		505.638		0.340			798.779	6.0		0.234		660.177	20					
21	27.8		0.167		533.271		0.378			798.401	6.0		0.265		653.912	21					
22	27.8		0.162		560.909		0.313			798.088	6.0		0.284		647.628	22					
23	27.8		0.174		588.535		0.249			797.839	6.0		0.330		641.298	23					
24	27.8		0.168		616.167		0.271			797.568	6.0		0.325		634.973	24					
25	27.8		0.172		643.795		0.294			797.274	6.0		0.355		628.618	25					
26	27.8		0.187		671.408		0.304			796.970	6.0		0.390		622.228	26					
27	27.8		0.211		698.997		0.293			796.677	6.0		0.388		615.880	27					
28	27.8		0.267		726.530		0.327			796.350	6.0		0.354		609.486	28					
29	27.8		0.293		754.037	3.7	0.308			792.342	6.0		0.351		603.135	29					
30	27.8		0.255		781.582	6.0	0.293			786.049	6.0		0.296		596.839	30					
31	16.6		0.169		798.013						6.0		0.328		590.511	31					
TOTAL	402.0		4.718			7.7	11.6	8.064			186.0		9.528			219.8		11.625			TOTAL
SEPTEMBER 1973																					
1	29.8		0.260		229.026						4.0		0.054		112.528	6.7		0.001		8.699	1
2	29.8		0.190		199.076						4.0		0.037		116.491	12.6		0.004		21.295	2
3	29.8		0.164		169.072						4.0		0.038		120.453	4.5		0.003		25.792	3
4	29.8		0.114		139.158						2.7		0.039		123.114	9.9		0.009		35.683	4
5	29.8		0.091		109.267						2.0		0.058		125.056	15.9		0.015		51.568	5
6	29.8		0.068		79.393						2.0		0.059		126.997	17.1		0.011		68.657	6
7	29.8		0.043		49.556						3.2		0.060		130.137	17.9		0.018		86.539	7
8	29.8		0.021		19.735	5.0	0.001			4.999	4.0		0.061		134.076	17.9		0.011		104.408	8
9					0	7.9	0.008			12.891								0.011		120.997	9
10						7.9	0.013			20.778								0.025		139.372	10
11						7.9	0.017			28.661								0.042		159.130	11
12						7.9	0.022			36.539								0.045		178.885	12
13						5.5	0.033			42.006								0.056		197.429	13
14						4.0	0.044			45.962								0.076		215.153	14
15						4.0	0.038			49.924								0.070		232.883	15
16						4.0	0.030			50.894								0.072		249.411	16
17						2.7	0.053			56.541								0.074		265.237	17
18						2.0	0.054			58.187								0.057		281.080	18
19						2.0	0.055			60.482								0.039		299.441	19
20						2.0	0.045			62.387								0.071		319.170	20
21						2.0	0.012			64.375								0.084		338.886	21
22						2.0	0.036			66.339								0.087		358.5	

TABLE C-29 (Cont'd)

LONGS CANAL

WATER YEAR 1974, 1975

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	MAY 1974					JUNE 1974					JULY 1974					AUGUST 1974					DAY
1	24.1		0.161		547.050			0.264		788.736			0.316		784.707		4.0	0.653		732.957	1
2	27.6		0.147		574.703			0.232		788.504			0.334		784.373		4.0	0.643		728.314	2
3	27.6		0.152		602.351			0.263		788.241			0.315		784.058		4.0	0.553		723.761	3
4	27.6		0.140		630.011			0.221	0.980	789.000			0.374		783.684		4.0	0.496		719.265	4
5	27.6		0.157		657.654			0.230	0.230	789.000			0.392		783.292		4.0	0.564		714.701	5
6	27.8		0.183		685.271			0.249	0.249	789.000			0.337		782.955		4.0	0.563		710.138	6
7	27.8		0.201		712.870			0.271	0.271	789.000			0.317		782.638		4.0	0.690		705.448	7
8	27.8		0.228		740.442			0.303	0.303	789.000			0.326		782.312		4.0	0.623		700.825	8
9	27.8		0.227		768.015			0.346	0.346	789.000			0.276		782.036		4.0	0.661		696.164	9
10	27.8		0.210		795.605			0.316	0.316	789.000			0.269		781.767		4.0	0.579		691.585	10
11	10.4		0.218		805.787			0.284	0.284	789.000			0.323		781.444		4.0	0.610		686.975	11
12	0		0.223		805.564			0.285	0.285	789.000			0.349		781.095		4.0	0.640		682.335	12
13	0		0.204		805.362			0.264	0.264	789.000			0.376		780.719		4.0	0.613		677.722	13
14			0.199		805.161			0.253	0.253	789.000			0.372		780.347		4.0	0.654		673.068	14
15			0.218		804.943			0.253	0.253	789.000			0.367		779.980		4.0	0.697		668.371	15
16			0.190		804.753			0.254	0.254	789.000			0.362		779.638		4.0	0.596		663.775	16
17			0.189		804.565			0.215		788.785			0.414		779.204		4.0	0.662		659.113	17
18			0.141		804.424			0.227		789.558			0.489		778.715		4.0	0.588		654.525	18
19			0.129		804.295			0.218		788.340			0.490		778.225		4.0	0.595		649.930	19
20			0.187		804.108			0.241		788.099			0.447		777.778		4.0	0.613		645.317	20
21			0.223		803.885			0.286		787.813			0.446		777.332		4.0	0.661		640.656	21
22			0.246		799.939			0.288		787.525			0.516		776.816		4.0	0.728		635.928	22
23	3.7		0.230		793.709			0.290		787.235		2.5	0.616		773.700		18.8	0.720		616.408	23
24	6.0		0.239		789.970			0.292		786.943		4.0	0.525		769.175		27.8	0.779		587.829	24
25	0.7		0.281		788.984			0.283		786.660		4.0	0.566		764.609		27.8	0.744		559.285	25
26			0.320		788.669			0.297		786.363		4.0	0.536		760.073		27.8	0.551		530.934	26
27			0.292		788.377			0.289		786.074		4.0	0.493		755.580		27.8	0.521		502.613	27
28			0.266		788.111			0.362		785.712		4.0	0.494		751.086		27.8	0.492		474.321	28
29			0.244		787.867			0.354		785.358		4.0	0.288		746.798		27.8	0.463		446.058	29
30			0.243		787.624			0.335		785.023		4.0	0.599		742.199		27.8	0.388		417.870	30
31			0.242	1.618	789.000							4.0	0.589		737.610		27.8	0.378		389.692	31
TOTAL	284.7	13.9	6.529	1.618				8.265	4.288			34.5	12.913				329.2	18.718			TOTAL
DAY	SEPTEMBER 1974					OCTOBER 1974					NOVEMBER 1974					DECEMBER 1974					DAY
1		27.8	0.428		366.464	5.0		0.001		4.999	7.2		0.007		32.783	2.0		0.023		155.752	1
2		27.8	0.414		333.250	7.9		0		12.899	6.7		0.016		39.467	0.7		0.023		156.429	2
3		27.8	0.346		305.104	5.5		0.004		18.395	4.7		0.009		44.158			0.046		156.383	3
4		27.8	0.337		276.967	7.2		0.005		25.590	4.0		0.019		48.139			0.022		156.361	4
5		27.8	0.383		248.784						4.0		0.010		52.129			0.022		156.339	5
6		27.8	0.309		220.675						4.0		0.022		56.107			0.022		156.317	6
7		27.8	0.284		192.591						4.0		0.023		60.083			0		156.317	7
8		27.8	0.203		164.588						4.0		0.024		64.060			0.022		156.295	8
9		27.8	0.166		136.620						4.0		0.013		68.047			0.023		156.272	9
10		27.8	0.134		108.686						4.0		0.027		72.020			0.023		156.249	10
11		27.8	0.099		80.787						4.0		0.028		75.992			0.023		156.226	11
12		27.8	0.065		52.922						4.0		0.029		79.963			0.022		156.204	12
13		27.8	0.024		25.098						4.0		0.030		83.934			0		156.204	13
14		25.1			0						4.0		0.031		87.902			0.022		156.182	14
15											4.0		0.016		91.886			0.022		156.160	15
16											4.0		0.017		95.869			0.022		156.138	16
17											4.0		0.017		99.852			0.022		156.116	17
18											4.0		0.018		103.834			0.022		156.094	18
19											4.0		0.018		107.816			0.022		156.072	19
20											2.7		0.037		110.479			0.023		156.049	20
21											5.7		0.016		116.163			0		156.049	21
22											7.9		0.020		124.043			0		156.049	22
23											7.9		0.021		131.922			0.023		156.026	23
24											5.4		0.041		137.279			0.023		156.003	24
25											4.0		0.022		141.257			0.023		155.980	25
26											4.0		0.044		145.213			0.046		155.934	26
27											2.7		0.023		147.890			0.023		155.911	27
28											2.0		0.023		149.867			0.023		155.888	28
29											2.0		0.046		151.821			0.023		155.865	29
30											2.0		0.046		153.775			0		155.865	30
31																		0.023		155.842	31
TOTAL		386.5	3.194			25.6		0.010			128.9		0.715				2.7	0.633			TOTAL
DAY	JANUARY 1975					FEBRUARY 1975					MARCH 1975					FOOTNOTES					DAY
1			0		155.842			0.053		165.647											1
2			0.023		155.819			0.027		165.620											2
3			0.023		155.796			0		165.620											3
4			0.023		155.773			0		165.620											4
5			0.023		155.750			0.026		165.594											5
6	8.7		0		164.450			0		165.594											6
7	5.2		0		169.650																7
8	0		0		169.650																8
9	1.2		0		170.850																9
10	0.7		0.024		171.526						11.2		0		11.200						10
11			0.025		171.501						6.7		0		17.900						11
12			0.025		171.476								0.004		17.896						12
13			0.025		171.451						11.2		0.004		17.892						13
14			0.025		171.																

LONOS CANAL

QUANTITIES IN ACRE FEET

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TABLE C-30

SENTINEL BUTTE MUTUAL WATER COMPANY

WATER YEAR 1971, 1972 1973

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
MARCH 1971						APRIL 1971						MAY 1971						JUNE 1971					
1						0.7		0.010		25.756			0.037		102.346	6.0		0.070		274.722	1		
2						0.7		0.015		27.441			0.033		108.313	6.0		0.076		280.646	2		
3						0.7		0.012		35.929			0.010		114.303	6.0		0.083		286.563	3		
4						0.7		0.020		36.109			0.015		116.488	6.0		0.089		292.474	4		
5						0.7		0.022		41.287			0.019		116.469	6.0		0.107		298.367	5		
6						0.7		0.014		47.273			0.010		120.159	6.0		0.095		304.272	6		
7						0.7		0.009		49.464			0		126.159	6.0		0.104		306.368	7		
8						0.7		0.014		49.450			0.025		132.134	6.0		0.116		306.252	8		
9						0.7		0.018		51.932			0.041		138.093	6.0		0.089		306.167	9		
10						0.7		0.024		57.108			0.041		144.052	6.0		0.078		306.089	10		
11						0.7		0.020		63.088			0.053		149.999	6.0		0.104		305.985	11		
12						0.7		0.026		69.062			0.053		155.946	6.0		0.113		305.872	12		
13						0.7		0.016		75.046			0.054		161.892	6.0		0.106		305.766	13		
14						0.7		0.011		78.535			0.032		167.860	6.0		0.110		305.656	14		
15						0.7		0.027		79.208			0.048		173.812	6.0		0.135		305.521	15		
16						3.7		0.038		82.870			0.032		179.780	6.0		0.128		305.393	16		
17						0.7		0.006		86.864			0.055		185.715	6.0		0.133		305.260	17		
18						0.7		0.017		94.847			0.081		191.634	6.0		0.127		305.133	18		
19						0.7		0.034		98.313			0.071		197.563	6.0		0.112		305.021	19		
20						0.7		0.011		99.002			0.087		203.476	6.0		0.122		304.899	20		
21						0		0.022		98.980			0.055		209.421	6.0		0.135		304.764	21		
22						0		0.032		98.948			0.078		215.343	6.0		0.138		304.626	22		
23						0		0.042		98.906			0.062		221.261	6.0		0.123		304.503	23		
24						0		0.021		98.886			0.107		227.174	6.0		0.119		304.368	24		
25						0		0.035		98.850			0.090		233.084	6.0		0.115		304.269	25		
26	3.7		0.001		3.699			0.035		98.815			0.034		239.050	6.0		0.126		304.143	26		
27	6.0		0.002		9.697			0.029		98.786			0.006		245.044	6.0		0.111		304.032	27		
28	2.2		0.004		11.893			0.018		98.748			0.031		250.993	6.0		0.121		303.911	28		
29	3.7		0.007		15.586			0.033		98.715			0.034		256.959	6.0	0	0.127		295.384	29		
30	6.0		0.009		21.577			0.032		98.683			0.086		262.873	6.0	3.7	0.127		290.057	30		
31	3.5		0.011		25.066								0.081		268.792	6.0	4.7				31		
TOTAL	25.1		0.034			74.3		0.683			171.6		1.491			38.2	13.6	3.335			TOTAL		
JULY 1971						AUGUST 1971						SEPTEMBER 1971						OCTOBER 1971					
1	6.0	0.130			283.927			0.193		217.255			0.142		140.275							1	
2	6.0	0.128			277.799			0.190		217.061			0.122		140.153							2	
3	6.0	0.131			271.668			0.190		216.871			0.149		140.034							3	
4	6.0	0.131			265.537			0.174		216.697			0.179		139.825							4	
5	6.0	0.143			259.394			0.181		216.516			0.184		139.641							5	
6	6.0	0.138			253.256			0.190		216.326			0.054		139.587							6	
7	6.0	0.122			247.134			0.212		216.114			0.167		139.420							7	
8	6.0	0.112			241.022			0.205		215.909			0.172		139.248							8	
9	6.0	0.101			234.921			0.213		215.696			0.177		139.071							9	
10	6.0	0.113			228.808		3.7	0.233		211.763			0.181		138.890							10	
11	6.0	0.125			222.683		6.0	0.204		205.559			0.185		138.705							11	
12	2.2	0.134			220.349		6.0	0.206		199.353			0.190		138.515							12	
13	0	0.151			220.198		6.0	0.192		193.161			0.195		138.320							13	
14	0	0.151			220.047		6.0	0.194		186.967			0.192		138.125							14	
15		0.118			219.929		6.0	0.197		180.770			0.196		138.929							15	
16		0.143			219.786		6.0	0.183		174.587			0.196		137.733							16	
17		0.063			219.723		6.0	0.168		168.419			0.164		137.569							17	
18		0.184			219.575		6.0	0.170		162.249			0.197		137.372							18	
19		0.159			219.416		6.0	0.155		156.094			0.165		137.207							19	
20		0.155			219.261		6.0	0.121		149.973			0.166		137.041							20	
21		0.151			219.110		6.0	0.138		143.835			0.166		136.875							21	
22		0.164			218.946		2.2	0.106		141.529			0.133		136.742							22	
23		0.160			218.786		0	0.109		141.420			0.168		136.574							23	
24		0.164			218.622		0	0.113		141.307			0.101		136.473							24	
25		0.143			218.479			0.136		141.171			0.067		136.406							25	
26		0.174			218.305			0.161		141.010			0.101		136.305							26	
27		0.160			218.145			0.146		140.864			0.101		136.204		1.2	0		1.200		27	
28		0.184			217.961			0.085		140.718			0.101		136.103		4.5	0.001		5.699		28	
29		0.140			217.821			0.132		140.646			0.101		136.002		6.0	0.003		11.696		29	
30		0.165			217.656			0.113		140.533			0.102		135.900		6.0	0.005		17.691		30	
31		0.202			217.454			0.116		140.417												31	
TOTAL	68.2	4.403				71.9	5.137				4.517				17.7		0.009				TOTAL		
MAY 1972						JUNE 1972						JULY 1972						AUGUST 1972					
1	6.0		0.008		23.683			0.037		72.859		6.0	0.043		49.845		3.7	0.001		3.699		1	
2	6.0		0.011		29.672			0.029		72.830		6.0	0.039		43.806		6.0	0.001		9.697		2	
3	6.0		0.011		35.661			0.029		72.801		6.0	0.037		37.769		6.0	0.003		15.586		3	
4	6.0		0.019		41.642			0.033		72.768		6.0	0.030		31.739		6.0	0.004		21.577		4	
5	6.0		0.021		47.621			0.053		72.715		6.0	0.024		24.715		6.0	0.006		25.066		5	
6	6.0		0.020		53.601			0.036		72.679		6.0	0.016		19.699		6.0	0.011		33.674		6	
7	2.2		0.023		55.778			0.034		72.645		6.0	0.012		13.687		6.0	0.013		39.661		7	
8	0		0.020		55.758			0.041		72.604		6.0	0.006		7.681		6.0	0.014		45.647		8	
9			0.022		55.736			0.026		72.578		6.0	0.002		1.679		6.0	0.014		51.635		9	
10			0.029		55.707			0.020		72.558		1.679			0.000		6.0	0.017		57.618		10	
11			0.033		55.674			0.035		72.523				</									

TABLE C-30 (Cont'd)

SENTINEL BUTTE MUTUAL WATER COMPANY

WATER YEAR 1973, 1974, 1975

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
MAY 1973											JUNE 1973										
1	6.0		0.068		182,717			0.033		218,567			0.089		216,313	6.0		0.047		90,239	1
2	6.0		0.076		188,641			0.066		218,501			0.091		216,222	6.0		0.053		84,187	2
3	6.0		0.069		194,572			0.069		218,432			0.092		216,130	6.0		0.045		78,142	3
4	6.0		0.077		200,495			0.069		218,363			0.096		216,038	6.0		0.052		72,090	4
5	6.0		0.062		206,423			0.066		218,297			0.076		215,958	6.0		0.029		66,061	5
6	6.0																				6
7	6.0		0.071		212,362			0.083		218,214			0.082		215,876	6.0		0.038		60,023	7
8	6.0		0.072		218,190			0.088		218,126			0.087		215,789	6.0		0.036		53,987	8
9	6.0		0.078		220,312			0.089		218,037			0.091		215,698	6.0		0.031		47,956	9
10	6.0		0.082		220,230			0.075		217,962			0.101		215,597	6.0		0.027		41,929	10
11	6.0		0.090		220,140			0.072		217,890			0.094		215,503	6.0		0.025		35,904	11
12	6.0		0.084		220,056			0.066		217,824			0.089		215,414	6.0		0.024		29,880	12
13	6.0		0.079		219,977			0.060		217,764			0.086		215,328	6.0		0.019		23,861	13
14	6.0		0.068		219,909			0.069		217,695			0.085		205,543	6.0		0.014		17,847	14
15	6.0		0.058		219,851			0.061		217,634			0.088		199,155	6.0		0.011		11,836	15
16	6.0		0.096		219,795			0.056		217,578			0.084		193,371	6.0		0.005		5,831	16
17	6.0																				17
18	6.0		0.105		219,650			0.056		217,522			0.062		187,309	6.0				0.000	18
19	6.0		0.086		219,564			0.067		217,455			0.068		181,241	6.0					19
20	6.0		0.086		219,478			0.064		217,391			0.069		175,172	6.0					20
21	6.0		0.082		219,396			0.070		217,321			0.074		169,098	6.0					21
22	6.0		0.071		219,325			0.092		217,229			0.058		163,040	6.0					22
23	6.0																				23
24	6.0		0.069		219,256			0.103		217,126			0.064		156,976	6.0					24
25	6.0		0.063		219,193			0.085		217,041			0.066		150,910	6.0					25
26	6.0		0.065		219,128			0.068		216,973			0.077		144,835	6.0					26
27	6.0		0.060		219,068			0.074		216,899			0.071		138,764	6.0					27
28	6.0		0.058		219,010			0.080		216,819			0.075		132,689	6.0					28
29	6.0		0.061		218,949			0.083		216,736			0.079		126,610	6.0					29
30	6.0		0.066		218,883			0.080		216,653			0.076		120,534	6.0					30
31	6.0		0.081		218,807			0.089		216,567			0.081		114,453	6.0					31
TOTAL	44.1		2.285		218,600			2.198					117.7	2.416				95.83	0.455		TOTAL
MARCH 1974											APRIL 1974										
1	2.5		0.000		2,500	2.5		0.001		18,499	6.0		0.058		196,925			0.082		246,918	1
2	4.0		0.000		6,500	5.2		0.005		23,694	6.0		0.052		202,873			0.073		246,845	2
3	4.0		0.000		10,500	6.0		0.004		29,690	6.0		0.053		208,820			0.062		246,763	3
4	4.0		0.000		14,500	6.0		0.009		35,681	6.0		0.048		214,772			0.069		247,000	4
5	1.5		0.000		16,000	6.0		0.012		41,669	6.0		0.053		220,719			0.072	0.072	247,000	5
6						6.0		0.008		47,661	6.0		0.061		226,658			0.078	0.078	247,000	6
7						6.0		0.011		53,650	6.0		0.065		232,592			0.085	0.085	247,000	7
8						6.0		0.015		59,632	6.0		0.073		238,519			0.095	0.095	247,000	8
9						6.0		0.006		65,626	6.0		0.072		244,447			0.108	0.108	247,000	9
10						6.0		0.013		71,613	6.0		0.066		250,381			0.099	0.099	247,000	10
11						6.0		0.020		77,593	2.2		0.068		252,513			0.089	0.089	247,000	11
12						6.0		0.021		83,572	0.0		0.070		252,443			0.089	0.089	247,000	12
13						6.0		0.026		89,546			0.064		252,379			0.082	0.082	247,000	13
14						6.0		0.034		95,512			0.062		252,317			0.079	0.079	247,000	14
15						6.0		0.031		101,481			0.068		252,249			0.079	0.079	247,000	15
16						6.0		0.031		107,450			0.060		252,189			0.080	0.080	247,000	16
17						6.0		0.032		113,418			0.059		252,130			0.067		246,933	17
18						6.0		0.024		119,394			0.044		252,066			0.071		246,862	18
19						6.0		0.016		125,378			0.040		252,006			0.068		246,798	19
20						6.0		0.029		131,349			0.059		251,987			0.076		246,718	20
21						6.0		0.034		137,315			0.070		251,917			0.090		246,628	21
22						6.0		0.035		143,280			0.077		250,640			0.090		246,538	22
23						6.0		0.024		149,244	2.0		0.072		248,568			0.091		246,447	23
24						6.0		0.018		155,236	0.7		0.075		247,793			0.091		246,356	24
25						6.0		0.023		161,213			0.088		247,705			0.089		246,267	25
26						6.0		0.032		167,181			0.101		247,604			0.093		246,174	26
27						6.0		0.037		173,144			0.092		247,512			0.090		246,084	27
28						6.0		0.043		179,101			0.084		247,428			0.113		245,971	28
29						6.0		0.053		185,048			0.077		247,351			0.111		245,860	29
30						6.0		0.065		190,983			0.076		247,275			0.105		245,755	30
31													0.076		247,000						31
TOTAL	16.0					175.7		0.717			62.2	3.9	2.084	0.199				2.586	1.341		TOTAL
JULY 1974											AUGUST 1974										
1			0.099		245,656	7.9		0.153		171,587											1
2			0.105		245,551	7.9		0.145		163,542											2
3			0.099		245,452	7.9		0.119		155,523											3
4			0.115		241,637	7.9		0.102		147,521											4
5	3.7		0.118		235,519	7.9		0.110		139,511											5
6	6.0		0.099		229,420	7.9		0.104		131,507											6
7	2.2		0.092		227,128	7.9		0.121		123,486											7
8	0.0		0.094		227,034	6.0		0.103		115,483											8
9			0.080		226,954	7.9		0.102		107,481				</							

SENTINEL BUTTE MUTAL WATER COMPANY

QUANTITIES IN ACRE FEET

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TABLE C-31

SWEENEY DITCH

WATER YEAR 1971, 1972, 1973

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
MARCH 1971						APRIL 1971						MAY 1971						JUNE 1971					
1						1.5	0.009			22,765	6.2	0.055			150,880	9.9	0.111			435,609	1		
2						5.0	0.014			28,951	9.9	0.050			160,730	9.9	0.121			445,388	2		
3						5.7	0.012			33,939	9.9	0.015			170,615	9.9	0.132			455,156	3		
4						9.2	0.022			39,617	3.7	0.022			174,293	9.9	0.141			464,915	4		
5						9.2	0.026			48,791	0	0.029			174,264	9.9	0.171			474,644	5		
6						9.9	0.017			58,674	6.2	0.014			180,450	9.9	0.152			484,392	6		
7						3.7	0.012			62,362	9.9	0			190,350	3.7	0.166			487,926	7		
8						0	0.017			62,345	9.9	0.038			200,212	0	0.184			487,742	8		
9						3.7	0.023			66,022	9.9	0.062			210,050	0	0.136			487,606	9		
10						8.4	0.031			74,391	9.9	0.063			219,887	0	0.128			487,482	10		
11						9.9	0.027			84,264	9.9	0.081			229,706	9.9	0.166			487,316	11		
12						9.9	0.035			94,129	9.9	0.082			239,524	9.9	0.180			487,136	12		
13						9.9	0.022			104,007	9.9	0.083			249,341	9.9	0.170			486,966	13		
14						9.9	0.015			110,192	9.9	0.050			259,151	9.9	0.176			486,790	14		
15						1.5	0.037			111,655	9.9	0.075			269,016	9.9	0.215			486,575	15		
16						6.2	0.053			117,802	9.9	0.050			278,866	9.9	0.204			486,371	16		
17						9.9	0.008			127,694	9.9	0.100			288,666	9.9	0.211			486,160	17		
18						9.9	0.025			137,569	9.9	0.126			298,440	9.9	0.202			485,958	18		
19						6.2	0.050			143,719	9.9	0.110			308,230	9.9	0.178			485,780	19		
20						1.5	0.016			145,202	9.9	0.136			317,994	9.9	0.194			485,586	20		
21						0	0.032			145,171	9.9	0.086			327,808	9.9	0.215			485,371	21		
22							0.047			145,124	9.9	0.122			337,586	9.9	0.219			485,152	22		
23							0.062			145,062	9.9	0.097			347,389	9.9	0.196			484,956	23		
24							0.030			145,032	9.9	0.168			357,121	9.9	0.186			484,767	24		
25							0.052			144,980	9.9	0.141			366,880	9.9	0.182			484,585	25		
26	6.2	0.001			6.199		0.051			144,929	9.9	0.053			376,727	9.9	0.201			484,384	26		
27	3.7	0.003			9,896		0.043			144,886	9.9	0.009			386,618	0	0.177			484,207	27		
28	0	0.003			9,893		0.056			144,830	9.9	0.050			396,476	6.2	0.132			484,027	28		
29	0	0.004			9,889		0.048			144,782	9.9	0.054			406,284	6.2	0.202			471,813	29		
30	5.2	0.006			15,083		0.047			144,735	9.9	0.136			416,048	7.7	0.204			463,509	30		
31	6.2	0.009			21,274						9.9	0.128			425,820						31		
TOTAL	21.3	0.026				124.4	0.939				283.4	2.315				63.1	20.1	5.311				TOTAL	
JULY 1971						AUGUST 1971						APRIL 1972						MAY 1972					
1	9.9	0.208			453,401	4.0	0.224			244,984					9.9	0.013				39,869	1		
2	9.9	0.205			443,296	4.0	0.215			240,769					9.9	0.015				49,750	2		
3	9.9	0.209			433,187	7.7	0.204			232,865					9.9	0.016				59,632	3		
4	9.9	0.210			423,077	9.9	0.178			222,787					9.9	0.031				69,501	4		
5	9.9	0.228			412,949	9.9	0.178			212,709					9.9	0.035				79,366	5		
6	9.9	0.220			402,829	9.9	0.178			202,631					9.9	0.034				89,232	6		
7	9.9	0.195			392,734	9.9	0.189			192,542					3.7	0.039				92,892	7		
8	9.9	0.178			382,656	9.9	0.173			182,469						0.033				92,860	8		
9	9.9	0.161			372,595	9.9	0.170			172,399						0.037				92,823	9		
10	9.9	0.180			362,515	9.9	0.178			162,321					6.2	0.045				86,578	10		
11	9.9	0.199			352,416	9.9	0.151			152,270					9.9	0.046				76,632	11		
12	3.7	0.213			342,503	9.9	0.147			142,223					9.9	0.045				66,687	12		
13	0	0.240			342,263	9.9	0.132			132,191					3.7	0.044				62,983	13		
14	6.2	0.234			341,829	9.9	0.127			122,164						0.040				62,903	14		
15	9.9	0.177			331,752	9.9	0.122			112,142						0.039				62,864	15		
16	9.9	0.209			321,643	9.9	0.107			102,135					6.2	0.031				56,633	16		
17	9.9	0.090			311,653	9.9	0.092			92,143					9.9	0.014				46,719	17		
18	9.9	0.203			301,550	9.9	0.086			82,157					9.9	0.017				36,802	18		
19	9.9	0.212			291,438	9.9	0.072			72,185					9.9	0.009				26,898	19		
20	9.9	0.199			281,239	9.9	0.050			62,235					9.9	0.004				16,994	20		
21	9.9	0.187			271,152	9.9	0.050			52,285					3.7	0.004				13,280	21		
22	9.9	0.195			261,057	9.9	0.032			42,353						0.005				13,286	22		
23	3.7	0.188			257,269	9.9	0.025			32,428						0.006				13,279	23		
24	0	0.193			257,076	9.9	0.018			22,510					2.5	0.004				10,775	24		
25		0.168			256,908	9.9	0.012			12,598					1.5	0.005				9,270	25		
26		0.205			256,703	9.9	0.003			2,695	2.5					0.005				9,265	26		
27		0.189			256,514	2.695				0	7.7	0.001			2,499	0.005				9,260	27		
28		0.217			256,297					0	7.7	0.005			20,091	0.005				9,255	28		
29	0	0.165			256,132					0	9.9	0.005			29,982	0.005				9,250	29		
30	2.5	0.192			255,440					0	9.9	0.009				0.005				9,245	30		
31	4.0	0.232			249,208					0						0.005				9,240	31		
TOTAL	208.2	6.101				246.10	3.113				30.0	0.018				63.1	83.2	0.642				TOTAL	
JUNE 1972						JULY 1972						APRIL 1973						MAY 1973					
1		0.005			9,235		0.008			9,062	6.2	0.002			6,198	9.9	0.112			301,572	1		
2		0.004			9,231		0.008			9,054	9.9	0.002			16,096	9.9	0.126			311,346	2		
3		0.004			9,227		0.009			9,045	9.9	0.005			25,991	9.9	0.113			321,133	3		
4		0.004			9,223		0.009			9,036	9.9	0.006			35,885	9.9	0.124			330,909	4		
5		0.007			9,216		0.008			9,028	9.9	0.010			45,775	9.9	0.102			340,707	5		
6		0.005			9,211		0.007			9,021	9.9	0.018			55,657	9.9	0.117			350,490	6		
7		0.004			9,207		0.008			9,013	9.9	0.021			65,536	9.9	0.119			360,271	7		
8		0.005			9,202		0.007			9,006	9.9	0.025			75,411	3.7	0.128			369,843	8		
9		0.003			9,199		0.008			8,998	9.9	0.020			85,291	0	0.135			369,708	9		
10		0.003			9,196		0.007			8,991	9.9	0.029			95,162	0	0.149			369,559	10		
11		0.004			9,192		0.009			8,982	9.9												

TABLE C-31 (Cont'd)

WATER YEAR 1973, 1974, 1975

SWEENEY DITCH

QUANTITIES IN ACRE FEET

[illegible]

TABLE C-31 (Cont'd)

SWEENEY DITCH

WATER YEAR 1975

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
JUNE 1975						JULY 1975																	
1	9.9		0.147		401.167			0.116		400.722											1		
2	3.7		0.116		404.751			0.130		400.592											2		
3			0.126		404.625	2.5		0.125		397.967											3		
4			0.153		404.472	8.7		0.130		390.137											4		
5			0.139		404.333			0.134		381.303											5		
6			0.138		404.195			0.153		378.150											6		
7			0.132		404.063	2.0		0.137		371.813											7		
8			0.142		403.921	9.9		0.144		361.769											8		
9			0.157		403.764	9.9		0.064		351.805											9		
10			0.167		403.597	16.1		0.149		335.556											10		
11			0.135		403.462	19.8		0.132		315.624											11		
12			0.167		403.295	19.8		0.131		295.693											12		
13			0.163		403.132	19.8		0.120		275.773											13		
14			0.140		402.992	19.8		0.115		255.858											14		
15			0.145		402.847	19.8		0.078		235.980											15		
16			0.134		402.713	19.8		0.074		216.106											16		
17			0.135		402.578	19.8		0.081		196.225											17		
18			0.114		402.464	19.8		0.075		176.350											18		
19			0.114		402.350	19.8		0.069		156.481											19		
20			0.110		402.240	19.8		0.065		136.616											20		
21			0.127		402.113	19.8		0.067		116.749											21		
22			0.144		401.969	19.8		0.055		96.894											22		
23			0.140		401.829	19.8		0.047		77.047											23		
24			0.123		401.706	19.8		0.036		57.211											24		
25			0.108		401.598	19.8		0.027		37.384											25		
26			0.137		401.461	19.8		0.012		17.542											26		
27			0.154		401.307	17.572				0.000											27		
28			0.155		401.152																28		
29			0.168		400.984																29		
30			0.146		400.838																30		
31																					31		
TOTAL	13.6		4.176			398.37	2.466														TOTAL		
DAY																					DAY		
1																					1		
2																					2		
3																					3		
4																					4		
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29																					29		
30																					30		
31																					31		
TOTAL																					TOTAL		

TABLE C-32

MATHENS DITCH COMPANY

WATER YEAR 1971, 1972.

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
MARCH 1971						APRIL 1971						MAY 1971						JUNE 1971					
1								0.009		23.665	41.8	0.363	1005.029		31.5		0.558			2186.868	1		
2								0.012		23.643	40.1	0.322	1044.807		27.3		0.602			2213.566	2		
3								0.008		23.635	40.2	0.093	1084.914		27.2		0.648			2240.118	3		
4								0.013		23.622	41.2	0.142	1125.972		29.3		0.690			2268.728	4		
5						0		0.024		46.298	41.9	0.192	1167.680		30.4		0.825			2298.303	5		
6						22.7																	
7								0.025		82.973	40.4	0.095	1207.985		30.2	0	0.729			2327.774	6		
8								0.023		120.850	38.4	0	1246.385		11.3	1.2	0.793			2337.081	7		
9								0.043		158.307	39.4	0.242	1285.543		0	1.6	0.881			2334.600	8		
10								0.068		195.839	40.2	0.390	1325.353		0	4.2	0.648			2329.752	9		
11								0.097		233.342	39.7	0.392	1364.661			5.3	0.593			2323.959	10		
12																							
13	9.9		0.004		9.896	36.9		0.085		270.157	38.6	0.493	1402.768		5.3	0.788				2317.871	11		
14	6.0		0.004		15.892	36.0		0.115		306.062	37.7	0.491	1439.977		5.1	0.856				2311.915	12		
15	3.7		0.004		19.588	35.8		0.074		341.768	38.4	0.489	1477.888		5.0	0.803				2306.112	13		
16						37.0		0.052		378.716	38.3	0.291	1515.897		5.0	0.831				2300.281	14		
17						37.0		0.139		415.577	39.0	0.432	1554.465		4.7	1.012				2294.469	15		
18	3.5		0.011		23.077	36.9		0.205		452.272	38.4	0.284	1592.581		3.9	0.960				2289.609	16		
19	0.7		0		23.777	36.0		0.030		488.242	37.8	0.566	1629.815		4.1	0.592				2284.517	17		
20	0		0.011		23.766	36.3		0.094		524.448	38.0	0.706	1667.109		3.9	0.949				2279.668	18		
21			0.010		23.756	37.5		0.196		561.752	38.3	0.611	1704.798		5.9	0.832				2272.936	19		
22			0.010		23.746	36.8		0.068		598.484	38.2	0.746	1742.252		7.2	0.906				2264.830	20		
23			0.010		23.736	36.6		0.140		634.944	38.3	0.467	1780.085		7.0	1.000				2256.830	21		
24			0.009		23.727	36.9		0.218		671.626	37.9	0.656	1817.329		6.6	1.017				2249.213	22		
25			0.005		23.722	36.9		0.300		708.226	38.5	0.516	1855.313		7.2	0.906				2241.107	23		
26			0.004		23.718	36.9		0.155		744.371	38.5	0.888	1892.925		8.7	0.868				2231.539	24		
27			0.004		23.714	36.3		0.279		780.992	38.0	0.743	1930.182		8.8	0.836				2221.503	25		
28			0.004		23.710	36.0		0.287		816.705	37.9	0.278	1967.804		8.2	0.917				2212.786	26		
29			0.008		23.702	35.5		0.252		851.953	38.0	0.066	2005.758		8.9	0.807				2203.079	27		
30			0.007		23.695	34.9		0.343		886.510	38.6	0.413	2043.945		6.9	0.883				2195.296	28		
31			0.011		23.684	36.1		0.306		922.304	38.0	0.277	2081.668		5.4	0.940				2188.956	29		
32			0.010		23.674	41.6		0.312		963.592	37.5	0.693	2118.475		5.4	0.959				2182.597	30		
33			0.010		23.664						38.1	0.649	2155.926								2176.597	31	
TOTAL	23.8		0.136			943.9		3.972			1205.3		12.966		187.2	135.5	25.029						
JULY 1971						AUGUST 1971						NOVEMBER 1971						DECEMBER 1971					
1		5.4	0.997		2176.200	38.5	1.980			2166.487									0.028		85.952	1	
2		5.4	1.001		2169.799	39.3	1.902			2125.285									0.000		85.952	2	
3	0	5.4	1.043		2163.356	39.3	1.827			2084.158									0.000		85.952	3	
4	4.3	2.0	1.072		2164.580	10033.3	0.846			1044.020									0.000		85.952	4	
5	9.3	0	1.200		2172.684	39.3	0.840			1003.882									0.013		85.939	5	
6	11.2		1.192		2182.692	39.3	0.844			963.738									0.000		85.939	6	
7	12.9		1.087		2194.509	39.3	0.907			923.531									0.013		85.926	7	
8	14.8		0.985		2206.280	39.3	0.838			883.393									0.013		85.913	8	
9	14.6		0.958		2221.923	39.3	0.831			843.263									0.006		85.887	9	
10	23.0		1.114		2243.808	39.3	0.882			803.080									0.000		85.887	10	
11	28.4		1.284		2270.924	39.3	0.756			763.024									0.000		85.887	11	
12	25.3		1.403		2294.821	39.3	0.748			722.978	40.3								0.000		85.887	12	
13	20.8		1.593		2314.028	39.3	0.680			682.998	34.1								0.000		85.887	13	
14	20.9		1.597		2333.331	39.3	0.668			643.028	9.7								0.000		85.867	14	
15	20.5		1.257		2352.574	39.3	0.656			603.072	2.2								0.014		85.873	15	
16	19.6		1.540		2370.634	39.3	0.589			563.183	0								0.014		85.873	16	
17	20.9		0.689		2390.849	39.5	0.523			523.160											85.873	17	
18	18.1		1.621		2403.324	39.7	0.507			482.953											85.873	18	
19	18.0		1.756		2419.568	41.0	0.439			441.514											85.873	19	
20	20.6		1.728		2438.440	45.3	0.321			395.893											85.873	20	
21	16.6		1.694		2453.346	49.4	0.333			346.160											85.873	21	
22	0.1	0	1.831		2461.616	50.6	0.222			295.337											85.873	22	
23	8.9		1.781		2440.935	66.6	0.177			228.562											85.873	23	
24	0		1.822		2424.013	76.2	0.121			152.241											85.873	24	
25	24.6		1.564		2397.849	76.2	0.073			75.968											85.873	25	
26						75.968															85.873	26	
27																					85.873	27	
28																					85.873	28	
29																					85.873	29	
30																					85.873	30	
31																					85.873	31	
TOTAL	315.9	246.9	44.630			2188.5	18.499				86.3		0.320						0.121				
FEBRUARY 1972						MARCH 1972						APRIL 1972						MAY 1972					
1							0.021			49.287	35.9	0.134	369.218		38.8		0.383			1163.989	1		
2							0.021			49.266	25.9	0.139	394.979		39.2		0.446			1202.743	2		
3							0.011			49.255	20.5	0.236	415.243		39.2		0.383			1241.560	3		
4							0.021			49.234	22.1	0.099	437.950		39.9		0.575			1280.885	4		
5							0.020			49.214	22.1	0.099	459.951		40.1		0.575			1320.409	5		
6							0.020			49.194	30.2	0.206	489.945		40.1		0.513			1359.996	6		
7							0.020			49.174	25.9	0.216	525.629		41.2		0.580			1400.616	7		
8							0.020			49.154	26.6	0.222	552.007										

MATHEWS DITCH COMPANY

QUANTITIES IN ACRE FEET

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TABLE C-32 (Cont'd)

MATHEWS OILCH COMPANY

WATER YEAR 1974, 1975

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
DAY	JUNE 1974					JULY 1974					AUGUST 1974					JANUARY 1975					DAY
1			0.329		985.671	2.0		0.390		970.087		23.6	0.460		516.296						1
2			0.290		985.381	2.0		0.414		971.673		28.8	0.433		490.063						2
3			0.329		985.052	1.7		0.390		969.583		28.3	0.353		461.410						3
4			0.276	1.244	986.000	1.5		0.461		967.621		27.3	0.300		433.810						4
5			0.288	0.288	986.000			0.484		967.137		34.7	0.315		398.795						5
6			0.311	0.311	986.000			0.416		966.722		39.1	0.285		359.410						6
7			0.338	0.338	986.000	1.2		0.391		965.131		39.1	0.313		319.997						7
8			0.379	0.379	986.000	2.0		0.401		962.730		40.6	0.249		279.148	1.2	0.000		1.200		8
9			0.432	0.432	986.000	3.2		0.339		959.191		41.1	0.226		237.822	2.0	0.000		3.200		9
10			0.394	0.394	986.000	2.7		0.329		956.162		72.1	0.139		165.583	0.7	0.001		3.899		10
11			0.355	0.355	986.000	2.0		0.394		953.768		90.6	0.067		74.916		0.001		2.898		11
12			0.356	0.356	986.000	3.2		0.424		950.144		74.916			0.000		0.001		3.897		12
13			0.329	0.329	986.000	5.2		0.455		944.489					0.001		0.001		3.896		13
14			0.317	0.317	986.000	12.2		0.444		931.845					0.001		0.001		3.895		14
15			0.317	0.317	986.000	15.9		0.430		915.515					0.001		0.001		3.894		15
16			0.317	0.317	986.000	17.1		0.417		897.998					0.000		0.000		3.894		16
17			0.268		985.732	19.1		0.467		878.431					0.001		0.001		3.893		17
18		2.5	0.283		982.949	21.1		0.538		856.793					0.001		0.001		3.892		18
19		4.0	0.270		978.679	24.3		0.524		831.969					0.001		0.001		3.891		19
20		1.5	0.293		976.880	25.8		0.464		805.705					0.001		0.001		3.890		20
21			0.355		976.525	25.8		0.448		779.457					0.003		0.003		3.890		21
22		0.0	0.356		976.169	24.6		0.501		754.356					0.001		0.001		3.889		22
23		0.0	0.359		975.810	22.6		0.582		731.174					0.001		0.001		3.888		23
24			0.362		975.448	20.6		0.485		710.089					0.001		0.001		3.887		24
25		1.2	0.351		973.897	17.4		0.513		692.176					0.001		0.001		3.886		25
26		2.0	0.367		971.530	20.8		0.473		670.903					0.001		0.001		3.885		26
27		0.7	0.356		970.474	22.6		0.423		647.880					0.001		0.001		3.884		27
28		0.0	0.447		970.027	26.8		0.409		620.671					0.001		0.001		3.883		28
29		1.2	0.437		968.390	29.8		0.298		590.611					0.001		0.001		3.882		29
30	0.5		0.413		968.477	27.3		0.455		562.888					0.001		0.001		3.881		30
31						22.1		0.432		540.356					0.001		0.001		3.880		31
TOTAL	0.5	13.1	10.280	5.357		4.0	418.6	13.521				537.216	3.140			3.9	0.020				TOTAL
DAY	FEBRUARY 1975					MARCH 1975					APRIL 1975					MAY 1975					DAY
1			0.001		3.879						32.3	0.038			170.744			0.376		1049.093	1
2	2.5		0.001		3.878						35.5	0.060			206.184			0.326		1048.767	2
3	4.6		0.000		13.578						34.7	0.051			240.833			0.318		1048.449	3
4	3.5		0.003		17.075						36.1	0.057			276.876			0.271		1048.178	4
5											36.9	0.021			313.755			0.303		1047.875	5
6	2.0		0.000		619.075						36.9	0.045			350.610			0.535		1047.740	6
7											37.3	0.073			387.837			0.367		1047.373	7
8											36.5	0.026			424.311	0.0		0.398		1047.015	8
9											35.2	0.028			459.483	1.2		0.369		1047.846	9
10											35.3	0.175			494.608	0.7		0.368		1048.178	10
11											35.2	0.150			529.658	1.2		0.289		1049.089	11
12											35.5	0.191			564.967	4.5		0.397		1053.192	12
13											36.5	0.167			604.300	7.2		0.435		1059.957	13
14											36.5	0.069			640.731	4.2		0.412		1063.745	14
15											36.9	0.107			677.524	7		0.287		1064.158	15
16											37.3	0.111			714.713	0.0	0.0	0.324		1063.834	16
17											34.6	0.148			749.165	1.2		0.357		1062.277	17
18											34.8	0.223			783.742	0.0	0.7	0.385		1061.192	18
19											36.3	0.281			819.761	2.5	0.0	0.410		1063.282	19
20											36.5	0.205			856.056	1.5	3.7	0.249		1060.833	20
21											32.3	0.252			888.103	0.0	9.7	0.286		1050.847	21
22											29.8	0.257			917.646	0.0	9.4	0.321		1041.126	22
23											29.8	0.262			947.184	1.2	3.0	0.375		1038.951	23
24											31.0	0.266			977.918	3.2	0.0	0.369		1041.782	24
25											31.7	0.311			1009.307	6.4	0.0	0.379		1047.80	25
26						14.6	0.004			14.596	31.7	0.225			1040.782	4.2		0.387		1051.616	26
27						24.3	0.010			38.886	10.7	1.2	0.310		1051.168	1.2		0.394		1051.922	27
28						25.3	0.016			64.179		0.7	0.310		1050.158	1.2		0.400		1052.722	28
29						25.1	0.029			89.241			0.348		1049.810	2.0		0.441		1054.281	29
30						24.7	0.027			113.914			0.341		1049.469	2.0		0.428		1055.853	30
31						24.6	0.032			138.483						4.5		0.336		1060.017	31
TOTAL	15.2		0.005			138.6	0.118				914.6	1.9	5.112			49.1	27.7	11.052			TOTAL
DAY	JUNE 1975					JULY 1975					AUGUST 1975					FOOTNOTES					DAY
1	4.7	0.0	0.389		1064.328	9.9	0.269			931.914	33.7	0.150			210.417	a	1000 acre-feet transferred to				1
2	1.5	1.2	0.306		1064.322	9.9	0.300			921.714	33.7	0.131			176.586		Tulare Irrigation Company from				2
3	0.0	2.0	0.331		1061.991	11.2	0.286			910.228	33.7	0.100			142.786		Lower Kaweah.				3
4		2.0	0.400		1059.591	11.9	0.299			898.029	33.7	0.093			108.993						4
5		2.0	0.364		1057.227	11.9	0.312			885.817	33.7	0.058			75.235						5
6		3.2	0.359		1053.668	11.9	0.351			873.566	33.7	0.025			41.510	b	Released because Terminus storage				6
7		1.5	0.343		1051.825	11.9	0.311			861.355	33.7	0.005			7.805		above allowable.				7
8		0.0	0.369		1051.456	11.9	0.338			849.117	33.7				0.000	c	1500 acre-feet transferred to				8
9		0.0	0.409		1051.047	11.9	0.349			837.068							Modoc Oitich.				9
10		3.7	0.433		1046.914	11.9	0.366			824.802											10
11		7.2	0.347		1																

TABLE C-33

JENNINGS DITCH COMPANY

WATER YEAR 1971, 1972

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
MARCH 1971																					
1						52.5		0.077		198.807	76.4		0.655		1814.433	53.4		0.986		3865.938	1
2						52.9		0.124		251.583	76.4		0.582		1890.251	44.8		1.064		3909.674	2
3						56.5		0.109		307.974	75.9		0.169		1965.982	45.6		1.123		3954.021	3
4						57.1		0.209		364.869	77.6		0.258		2043.328	44.8		1.216		3997.605	4
5						55.3		0.221		419.948	78.4		0.348		2121.376	43.9		1.451		4040.054	5
6						54.5		0.141		474.307	75.6		0.174		2196.802	44.4		1.278		4083.176	6
7						53.9		0.100		528.107	69.5		0		2266.302	45.7	0	1.400		4127.476	7
8						51.8		0.159		579.148	72.6		0.440		2338.462	17.3	0	1.560		4137.326	8
9						54.8		0.221		633.727	76.7		0.710		2414.452	0	16.6	1.146		4119.580	9
10						56.6		0.287		690.040	75.4		0.715		2489.137	19.4	16.6	1.046		4099.134	10
11						55.6		0.236		745.404	70.6		0.899		2558.838	18.5	1.387			4079.247	11
12						56.5		0.301		801.603	66.4		0.895		2624.343	18.2	1.503			4059.544	12
13						56.1		0.184		857.519	65.1		0.890		2688.553	18.0	1.407			4040.137	13
14						56.3		0.126		913.693	63.2		0.528		2751.225	18.3	1.452			4020.385	14
15						51.7		0.323		965.070	61.1		0.782		2811.543	17.2	1.765			4001.420	15
16						52.8		0.460		1017.410	60.5		0.511		2871.532	14.2	1.671			3985.549	16
17						56.0		0.067		1073.343	61.3		1.018		2931.814	14.9	1.723			3968.026	17
18						56.8		0.203		1129.040	62.0		1.267		2992.047	16.8	1.644			3950.482	18
19						57.3		0.414		1186.826	62.8		1.024		3054.553	19.0	1.439			3930.043	19
20						54.7		0.140		1241.386	62.5		1.334		3115.719	19.5	1.564			3908.979	20
21						50.9		0.286		1292.000	62.9		0.833		3177.786	18.6	1.723			3888.656	21
22						49.8		0.436		1341.164	65.1		1.171		3241.715	19.0	1.749			3867.907	22
23						49.6		0.590		1390.174	65.0		0.920		3306.695	19.5	1.555			3846.852	23
24						49.6		0.300		1439.474	63.8		1.581		3368.914	17.0	1.490			3828.362	24
25						48.5		0.531		1487.443	62.1		1.321		3429.693	18.7	1.432			3808.230	25
26						48.2		0.539		1535.104	61.7		0.492		3490.901	18.5	1.569			3788.161	26
27						46.4		0.468		1581.036	62.0		0.082		3552.819	18.4	1.380			3768.381	27
28						44.4		0.629		1624.807	64.0		0.731		3616.088	7.7	1.512			3759.169	28
29	35.0		0.016		34.984	47.4		0.565		1671.452	65.8		0.489		3681.388	1.2	1.612			3756.367	29
30	55.9		0.062		146.384	67.6		0.564		1738.688	64.3		1.226		3746.472	1.2	1.649			3753.508	30
31	55.6										68.2		1.148		3813.524						31
TOTAL	146.5		0.116			1601.3		8.936			2098.1		23.268			339.7	356.2	43.514			TOTAL
JULY 1971																					
1		1.2			3750.589	94.4		1.841		2014.513								0.018		52.784	1
2		1.2			3747.660	94.4		1.717		1918.396								0.000		52.784	2
3		1.2			3744.654	94.4		1.592		1822.308								0.000		52.784	3
4	5.6	0.4			3747.958	94.4		1.382		1726.616								0.000		52.784	4
5	14.5	0			3760.421	94.4		1.365		1630.851								0.008		52.784	5
6	23.3				3761.655	94.4		1.384		1535.107								0.000		52.784	6
7	13.1				3792.877	94.4		1.413		1439.294								0.008		52.784	7
8	26.4				3816.505	94.4		1.275		1343.619								0.008		52.784	8
9	17.8				3832.652	94.4		1.231		1247.988								0.016		52.784	9
10	2.2				3812.460	94.4		1.266		1152.322								0.000		52.784	10
11					3780.023	94.4		1.047		1056.875								0.000		52.784	11
12					3733.141	94.4		0.994		961.481								0.000		52.784	12
13					3659.122	94.4		0.862		866.219								0.000		52.784	13
14					3586.468	94.4		0.801		771.018								0.000		52.784	14
15					3507.794	94.4		0.735		675.883								0.009		52.784	15
16					3420.572	94.4		0.607		580.876								0.009		52.784	16
17					3346.708	94.4		0.576		500.576								0.021		52.784	17
18					3315.172	94.4		0.451		429.125								0.010		52.784	18
19					3278.894	94.4		0.351		352.274								0.020		52.784	19
20					3197.229	94.4		0.209		358.565								0.020		52.784	20
21					3096.594	119.0		0.134		139.431								0.020		52.784	21
22					2993.056	129.4		0.008		10.023								0.020		52.784	22
23					2890.147	10.023		0.000		0.000								0.019		52.784	23
24					2787.252													0.019		52.784	24
25					2686.899													0.010		52.784	25
26					2590.835													2.009		52.784	26
27					2495.502													0.000		52.784	27
28					2399.073													0.000		52.784	28
29					2303.193													0.009		52.784	29
30					2207.119													0.000		52.784	30
31					2110.754															52.784	31
TOTAL	101.9	1683.5	61.154			2089.6		21.131			53.6		0.198					0.078			TOTAL
FEBRUARY 1972																					
1								0.029		68.965	39.7		0.227		626.257	68.0		0.864		2626.476	1
2								0.030		68.935	63.6		0.243		689.614	72.4		1.001		2697.835	2
3								0.015		68.920	87.6		0.442		776.772	72.3		0.853		2769.282	3
4								0.029		68.891	80.8		0.378		857.194	75.3		1.277		2841.305	4
5	39.7		0.019		39.681			0.028		68.863	85.9		0.203		942.891	76.4		1.273		2918.432	5
6								0.028		68.835	67.3		0.424		1009.767	76.4		1.129		2993.703	6
7	27.5		0.016		67.181			0.028		68.807	50.3		0.436		1059.631	77.7		1.272		3070.131	7
8	2.2		0.000		69.265			0.028		68.779	70.4		0.454		1129.577	79.8		1.138		3148.797	8
9			0.015		69.250			0.028		68.751	89.5		0.477		1218.600	80.9		1.285		3228.412	9
10			0.029		69.321			0.027		68.724	94.3		0.500		1312.400	79.4		1.720		3306.092	10
11			0.029		69.292			0.027		68.697	76.1		0.000		1388.500	78.4		2.017		3382.475	11
12			0.029		69.263			0.027		68.670	81.9		0.399		1470.001	78.7		2.312		3458.863	12
13			0.0																		

TABLE C-33 (Cont'd)

JENNINGS DITCH COMPANY

WATER YEAR 1972, 1973, 1974

QUANTITIES IN ACRE FEET

DAY	JUNE 1972					JULY 1972					AUGUST 1972					APRIL 1973					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1	64.9		2.513		5013.415	92.7	3.066			2591.007	46.0	0.496			399.421	34.7	0.009			34.691	1	
2	55.7		2.012		5067.103	89.2	3.089			3498.718	46.0	0.564			356.857	56.4	0.011			51.180	2	
3	56.1		2.019		5121.184	87.1	3.323			3408.295	46.0	0.353			306.504	57.8	0.026			148.954	3	
4	67.3		2.371		5186.013	166.0	3.086			3259.209	42.2	0.359			263.945	57.0	0.035			205.919	4	
5	33.6		3.769		5215.844	209.2	2.794			3047.215	42.2	0.311			221.434	57.3	0.056			263.163	5	
6		12.3			5225.561		2.683			2777.347	39.9	0.231			181.303	58.3	0.107			321.356	6	
7			2.408		5208.953		2.006			2361.141	39.9	0.186			141.217	56.8	0.123			378.033	7	
8		14.2	2.902		5178.751		4.14.2	1.429		1945.512	39.9	0.129			101.188	55.0	0.137			432.896	8	
9		27.3	1.874		5147.677		203.0	1.577		1740.935	41.6	0.084			59.504	54.6	0.112			486.984	9	
10		29.2	1.374		5126.603		57.2	1.354		1682.381	42.6	0.021			16.883	50.0	0.161			536.823	10	
11																						
12	11.8	4.7	2.439		5131.264		45.8	1.700		1634.881	16.883				48.9	0.213	0.213			585.510	11	
13	7.1	10.7	3.174		5124.490		45.8	1.704		1587.377					37.2	0.217	0.217			622.493	12	
14		29.6	3.205		5091.686		45.8	1.836		1539.741					27.8	0.176	0.176			650.817	13	
15		44.5	2.867		5044.318		58.9	1.614		1479.027					27.8	0.135	0.135			678.482	14	
16		48.4	2.868		4993.050		69.3	1.521		1408.206					27.8	0.186	0.186			706.096	15	
17																						
18		59.2	3.261		4930.589		70.8	1.483		1335.923					27.8	0.192	0.192			733.704	16	
19		64.4	3.285		4862.904		71.2	1.204		1263.519					27.8	0.195	0.195			761.309	17	
20		72.5	3.128		4787.276		72.2	1.056		1190.263					27.8	0.200	0.200			788.909	18	
21		78.0	3.155		4706.121		72.6	0.910		1116.753					26.5	0.256	0.256			815.153	19	
22		82.1	2.996		4621.025		74.3	0.768		1041.685					24.6	0.369	0.369			839.384	20	
23																						
24		85.9	3.030		4532.095		75.4	0.844		965.441					21.3	0.378	0.378			860.306	21	
25		92.2	3.050		4476.845		75.4	0.805		889.236					23.6	0.386	0.386			883.520	22	
26		93.4	2.493		4340.952		75.4	0.803		813.033					27.0	0.367	0.367			910.153	23	
27		92.2	2.120		4246.632		54.7	0.631		757.502					29.0	0.387	0.387			938.766	24	
28		90.1	2.910		4152.622		42.1	0.818		714.584					25.8	0.394	0.394			964.172	25	
29																						
30		86.8	2.936		4063.886		42.1	0.714		671.770					10.4	0.424	0.424			974.148	26	
31		86.5	2.963		3974.423		42.1	0.773		628.897					2.0	0.400	0.400			975.148	27	
32		90.6	3.342		3879.881		42.1	0.782		586.055					0.7	0.424	0.424			976.067	28	
33		92.7	3.844		3783.337		45.9	0.389		539.766					0.0	0.210	0.210			975.857	29	
34		92.7	3.864		3686.773		46.8	0.509		492.457						0.245	0.245			975.612	30	
35							46.0	0.504		445.917												31
TOTAL	308.7	1487.6	85.355			3195.1	45.756				443.18	2.734				982.1		6.488				TOTAL
DAY	MAY 1973					JUNE 1973					JULY 1973					AUGUST 1973					DAY	
1	1.2		0.362		976.812	34.7	0.198			1300.330	14.4	0.571			1388.958	24.5	0.012			22.522	1	
2	0.7		0.396		976.754	43.6	0.406			1343.524	15.9	0.578			1372.480						2	
3			0.337		976.417	43.6	0.436			1386.688	17.1	0.579			1354.601						3	
4			0.373		976.044	16.4	0.441			1402.647	17.9	0.596			1336.305						4	
5			0.293		975.751		0.421			1402.226	22.8	0.460			1313.045						5	
6																						
7			0.327		975.444		0.531			1401.695	25.8	0.487			1286.758						6	
8			0.321		975.103		0.563			1401.132	27.0	0.508			1259.250						7	
9			0.344		974.759		0.574			1400.558	30.5	0.521			1228.229						8	
10			0.361		974.398		0.479			1400.079	31.7	0.534			1195.995						9	
11			0.400		973.998		0.461			1399.618	31.7	0.510			1163.785						10	
12	6.2		0.373		973.825		0.424			1399.194	35.5	0.467			1127.818						11	
13	9.9		0.383		984.375	2.5	0.388			1401.306	37.7	0.443			1089.675						12	
14	9.9		0.309		998.963	1.5	0.448			1402.358	37.7	0.436			1051.539						13	
15	9.9		0.267		1008.596		0.394			1401.964	37.7	0.447			1013.392						14	
16	9.9		0.443		1018.053	5.0	0.360			1406.604	37.7	0.423			975.269						15	
17																						
18	9.9		0.492		1027.46		0.362			1414.142	37.7	0.310			937.259						16	
19	9.9		0.408		1036.953	9.2	0.441			1422.901	37.7	0.337			899.222						17	
20	9.9		0.410		1046.443	9.9	0.424			1432.377	37.7	0.337			861.186						18	
21	9.9		0.395		1053.948	9.9	0.464			1441.813	48.9	0.357			811.928						19	
22	9.9		0.345		1065.593	9.9	0.617			1451.096	55.6	0.268			756.069						20	
23																						
24	9.9		0.338		1075.065	8.7	0.690			1459.106	55.6	0.284			700.176						21	
25	16.1		0.314		1090.851	0.5	0.574			1459.032	61.8	0.280			638.096						22	
26	19.8		0.329		1110.322		0.454			1463.378	62.2	0.295			572.301						23	
27	19.8		0.308		1129.714	5.2	0.492			1466.886	65.5	0.260			506.241						24	
28	19.8		0.307		1149.307	6.0	0.530			1440.356	65.5	0.249			440.792						25	
29																						
30	19.8		0.325		1168.782	6.0	0.547			1433.809	65.5	0.238			375.057						26	
31	19.8		0.359		1188.223	6.0	0.525			1427.284	65.5	0.195			309.362						27	
32	19.8		0.444		1207.573	6.0	0.583			1420.701	65.5	0.142			243.720						28	
33	19.8		0.477		1226.902	6.0	0.550			1414.151	65.5	0.104			178.119						29	
34	19.8		0.406		1246.298	9.7	0.522			1403.929	65.5	0.096			112.564						30	
35	19.8		0.268		1265.828						65.5	0.026			47.034						31	
TOTAL	301.4		11.184			203.3	50.9	14.299			1345.6	11.295				47.022	0.12				TOTAL	
DAY	OCTOBER 1973					NOVEMBER 1973					MARCH 1974					APRIL 1974					DAY	
1							0.017			35.381	18.6	0.000			18.600	33.5	0.012			162.588	1	
2							0.011			35.370	36.0	0.000			54.600	59.8	0.046			222.342		

JENNINGS DITCH COMPANY

QUANTITIES IN ACRE FEET

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UPHILL DITCH COMPANY

WATER YEAR 1971, 1972

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
DAY	MARCH 1971					APRIL 1971					MAY 1971					JUNE 1971					DAY	
1						60.0		0.402		1043.239	65.2		1.018		2818.625	72.9		1.302		5102.495	1	
2						60.7		0.502		1103.397	86.7		0.895		2903.430	70.9		1.407		5172.988	2	
3						62.4		0.810		1165.387	86.9		0.977		2988.073	71.2		1.516		5242.672	3	
4						63.2		0.689		1227.898	64.6		0.385		3052.288	68.7		1.615		5309.757	4	
5						63.1		0.679		1290.319	52.6		0.509		3104.379	66.5		1.030		5374.327	5	
6						63.3		0.403		1353.216	72.5		0.251		3176.628	64.7		1.702		5437.325	6	
7						60.0		0.269		1412.947	78.1		0		3254.728	24.0	30.5	1.841		5428.984	7	
8						55.5		0.402		1468.045	76.7		0.626		3330.802	0	44.6	2.070		5382.354	8	
9						59.1		0.532		1526.613	80.8		1.003		3410.599	41.1	1.485			5339.769	9	
10						64.7		0.660		1590.653	83.8		1.003		3493.396	37.2	1.352			5300.917	10	
11						64.7		0.523		1654.830	79.0		1.254		3571.142	35.8	1.790			5263.327	11	
12						64.2		0.645		1718.185	73.3		1.243		3643.199	35.3	1.934			5226.093	12	
13	35.8	0.016			35.784	63.7		0.383		1781.702	74.2		1.231		3716.168	35.0	1.807			5189.286	13	
14	42.3	0.018			78.066	63.8		0.255		1845.247	74.2		0.728		3789.640	35.3	1.861			5152.125	14	
15	40.8	0.027			118.839	59.0		0.638		1903.609	73.5		1.074		3862.066	33.7	2.257			5116.168	15	
16	44.1	0.075			162.864	61.4		0.888		1964.121	73.6		0.701		3934.965	28.6	2.132			5085.436	16	
17	43.4	0			206.264	65.7		0.126		2029.695	73.4		1.391		4006.974	29.8	2.134			5053.442	17	
18	40.8	0			246.952	66.5		0.377		2095.818	74.2		1.726		4079.448	28.5	2.090			5022.852	18	
19	42.3	0.126			289.126	65.5		0.754		2160.564	75.0		1.487		4152.961	27.1	1.829			4993.923	19	
20	48.6	0.144			337.582	62.3		0.251		2222.613	74.4		1.809		4225.552	26.6	1.987			4965.336	20	
21	55.1	0.161			392.521	58.6		0.504		2280.709	75.1		1.127		4299.525	25.1	2.189			4938.047	21	
22	57.3	0.178			449.643	57.3		0.760		2337.249	74.1		1.579		4372.046	22.9	2.222			4912.925	22	
23	57.3	0.096			506.847	57.3		1.015		2393.534	73.8		1.236		4444.610	19.5	1.977			4891.448	23	
24	57.3	0.104			564.043	57.3		0.510		2450.324	74.2		2.119		4516.691	16.8	1.896			4872.752	24	
25	57.3	0.111			621.232	51.7		0.893		2501.131	74.9		1.768		4589.823	15.6	1.826			4855.326	25	
26	60.1	0.115			681.217	51.6		0.896		2551.835	75.4		0.658		4665.565	13.2	2.005			4840.121	26	
27	58.9	0.241			739.876	53.2		0.771		2604.264	74.4		0.109		4738.856	13.4	1.767			4824.954	27	
28	58.7	0.250			798.126	51.6		1.028		2654.836	75.0		0.972		4812.884	7.9	1.941			4825.513	28	
29	58.7	0.283			856.643	54.9		0.900		2708.836	74.1		0.650		4886.334	12.7	0	2.076		4836.137	29	
30	63.1	0.387			919.966	46.5		0.893		2754.443	73.0		1.622		4957.712	12.7	2.129			4846.708	30	
31	64.1	0.415			983.641						75.7		1.515		5031.897						4855.326	31
TOTAL	986.6		2.959			1788.8		17.998			2309.4		31.946			472.2	601.3	56.089			TOTAL	
DAY	JULY 1971					AUGUST 1971					FEBRUARY 1972					MARCH 1972					DAY	
1	12.7	2.216			4835.997	105.4	1.994			2182.145								0.042			98.508	1
2	12.7	2.235			4846.462	105.4	1.857			2074.888								0.042			98.466	2
3	12.7	2.342			4856.820	105.4	1.725			1967.763								0.042			98.445	3
4	20.5	2.414			4874.906	105.4	1.490			1860.873								0.040			98.403	4
5	11.2	2.697			4883.409	105.4	1.468			1754.005								0.040			98.323	5
6	0	2.4	2.665		4878.344	105.4	1.483			1647.162	31.0	0			31.000		0.040				98.323	6
7	16.0	2.407			4859.937	105.4	1.513			1540.249	31.0	0.014			61.986		0.040				98.283	7
8	39.3	2.237			4818.400	105.4	1.360			1433.489	19.8	0			81.786		0.040				98.243	8
9	72.2	2.046			4744.154	105.4	1.308			1326.781	13.6	0.021			95.365		0.039				98.204	9
10	85.9	2.311			4655.943	105.4	1.340			1220.041	3.7	0.042			99.021		0.039				98.165	10
11	85.9	2.582			4567.461	105.4	1.104			1113.537		0.042			98.981		0.039				98.126	11
12	107.7	2.725			4457.036	105.4	1.041			1007.096		0.041			98.940		0.039				98.087	12
13	120.8	2.983			4333.253	105.3	0.896			900.900		0.021			98.919		0.039				98.048	13
14	118.0	2.883			4212.370	105.3	0.826			794.774		0			98.919		0.038				98.010	14
15	116.1	2.187			4034.083	105.3	0.749			688.725		0.021			98.898	12.4	0.043				110.367	15
16	116.1	2.582			3975.401	105.3	0.609			582.816		0.021			98.877	19.8	0.074				130.093	16
17	116.1	1.112			3858.189	106.7	0.475			475.641		0.021			98.856	19.8	0.084				149.809	17
18	111.1	2.526			3744.563	107.5	0.386			367.755		0.021			98.835	19.8	0.062				169.547	18
19	114.2	2.632			3627.731	118.2	0.248			249.307		0.041			97.794	32.2	0.109				201.638	19
20	116.2	2.486			3509.045	155.0	0.076			94.231		0.020			95.774	39.7	0.128				241.210	20
21	115.2	2.342			3391.503	65.0	0.028			29.203		0.020			98.754	39.7	0.145				280.765	21
22	114.0	2.445			3275.058	29.203	0			0		0.040			98.714	39.7	0.108				320.257	22
23	113.3	2.305			3159.453							0.020			98.694	47.0	0.119				367.238	23
24	113.3	2.288			3043.865							0.020			98.674	45.9	0.129				413.009	24
25	110.4	1.913			2931.552							0.020			98.654	44.0	0.273				456.736	25
26	104.5	2.250			2824.802							0.021			98.633	48.2	0.217				504.719	26
27	104.1	1.997			2718.705							0.041			98.592	26.3	0.220				570.799	27
28	105.4	2.081			2611.097							0.021			98.571	4.5	0.286				535.860	28
29	105.4	1.609			2504.088							0.021			98.550		0.153				534.589	29
30	105.3	1.818			2396.970												0.271				534.589	

UPHILL DITCH COMPANY

QUANTITIES IN 4CRE FEET

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UPHILL DITCH COMPANY

QUANTITIES IN ACRE FEET

QUANTITIES IN ACRE FEET																					
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	FEBRUARY 1975					MARCH 1975					APRIL 1975					MAY 1975					DAY
1			0.001		3,980						56.0		0.200		897.647			0.723		2017.949	
2			0.001		3,978						53.4		0.276		950.771			0.628		2017.321	
3			0.000		3,978						51.0		0.211		1001.560			0.611		2016.710	
4			0.000		3,978						55.1		0.217		1056.443			0.520		2016.190	
5			0.001		3,977						57.5		0.074		1113.869			0.583		2015.607	
6			0.000		c 3.977						57.5		0.150		1171.219			0.645		2014.962	
7											59.9		0.233		1230.886			0.705		2014.257	
8											55.5		0.080		1286.306			0.689		2013.568	
9											51.4		0.080		1337.626			0.709		2012.859	
10											51.6		0.490		1388.736			0.707		2012.152	
11											51.4		0.408		1439.728			0.553		2011.599	
12						14.9	0.003			14.897	51.6		0.504		1490.824			0.758		2010.841	
13						26.3	0.008			41.189	52.0		0.426		1542.398			0.824		2010.017	
14						27.8	0.014			68.975	55.4		0.171		1597.627	1.2		0.776		2010.439	
15						27.8	0.037			96.738	57.5		0.262		1654.865	0.7	1.2	0.543		2009.396	
16						27.8	0.046			124.492	59.6		0.266		1714.199		0.7	0.611		2008.085	
17						27.8	0.027			152.265	60.0		0.350		1773.849			0.675		2007.410	
18						27.8	0.062			180.003	54.8		0.519		1828.130	1.2		0.729		2007.881	
19						27.8	0.069			207.734	51.5		0.643		1878.987	5.7		0.777		2012.804	
20						44.9	0.040			252.594	51.2		0.463		1929.724	3.0	6.2	0.472		2009.132	
21						54.2	0.047			306.747	22.9		0.555		1952.069	12.4		0.543		1996.189	
22						53.8	0.099			360.448	6.0		0.548		1957.521	8.9		0.612		1986.677	
23						53.6	0.108			413.940	6.0		0.544		1962.977	2.2		0.716		1983.761	
24						56.3	0.116			470.124	8.4		0.536		1970.841	2.5		0.703		1985.558	
25						53.8	0.053			523.871	21.1		0.614		1991.327	1.5		0.719		1986.339	
26						52.7	0.161			576.410	16.6		0.434		2007.493	1.2		0.731		1986.808	
27						52.5	0.167			628.743	5.0		0.602		2011.891	6.9		0.746		1992.962	
28						53.4	0.173			681.970	4.5		0.595		2015.796	3.7		0.759		1995.903	
29						53.7	0.241			735.429	3.5		0.668		2018.626			0.834		1995.069	
30						53.4	0.186			788.641	0.7		0.656		2018.672			0.808		1994.261	
31							0.194			841.847						3.7		0.633		1997.328	
TOTAL			0.003			843.7		1.853			1188.6		11.775			31.3	31.6	21.044			
DAY	JUNE 1975					JULY 1975					AUGUST 1975										DAY
1	2.2	2.5	0.729		1996,299	19.1	0.519			1795,725	67.9	0.183			258,228					1	
2		1.5	0.573		1994,226	19.8	0.577			1775,348	69.4	0.140			188,688					2	
3			0.622		1993,604	22.3	0.550			1752,498	69.4	0.084			119,204					3	
4			0.752		1992,852	23.8	0.576			1728,122	69.4	0.042			49,762					4	
5			0.686		1992,166	23.8	0.600			1703,722					0.000					5	
6			0.679		1991,487	23.8	0.675			1679,247										6	
7			0.649		1990,838	23.8	0.598			1654,849										7	
8			0.699		1990,139	23.8	0.649			1630,400										8	
9			0.775		1990,564	25.0	0.286			1605,114										9	
10	1.2	0.7	0.821		1986,743	24.6	0.700			1579,814										10	
11			0.679		1976,383	30.0	0.648			1549,166										11	
12			0.819		1968,664	36.2	0.672			1512,294										12	
13			0.792		1963,872	36.4	0.643			1475,251										13	
14			0.680		1959,192	50.6	0.637			1424,014										14	
15			0.702		1954,490	59.5	0.452			1364,062										15	
16			0.648		1949,842	59.5	0.445			1304,117										16	
17			0.650		1945,192	59.5	0.510			1244,107										17	
18			0.547		1940,645	59.5	0.501			1184,106										18	
19			0.549		1933,696	59.5	0.491			1124,115										19	
20			0.526		1925,270	59.5	0.504			1064,111										20	
21			0.606		1916,764	59.5	0.577			1004,034										21	
22			0.685		1908,179	59.5	0.535			943,999										22	
23			0.659		1899,620	65.7	0.530			877,769										23	
24			0.581		1891,139	69.4	0.504			807,865										24	
25			0.504		1878,935	69.4	0.529			737,936										25	
26			0.639		1866,896	69.4	0.444			668,092										26	
27			0.713		1854,983	69.4	0.347			598,345										27	
28			0.714		1843,569	69.4	0.274			528,671										28	
29			0.766		1831,603	69.4	0.248			459,023										29	
30			0.659		1815,344	66.9	0.231			391,892										30	
31						65.4	0.181			326,311										31	
TOTAL	4.1	166.0	20.084			1473.4	15.633				325,862	0.449									
DAY																					DAY
1																				1	
2																				2	
3																				3	
4																				4	
5																				5	
6																				6	
7																				7	
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30																				30	
31																				31	
TOTAL																					

TABLE C-35

MODOC DITCH COMPANY

WATER YEAR 1971, 1972

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
MARCH 1971						APRIL 1971						MAY 1971						JUNE 1971					
1					92.3	0.596				1547.666	104.5	1.600			4429.674	104.1	2.091			8198.583	1		
2					91.2	0.805				1638.061	135.4	1.406			4563.668	92.9	2.255			8289.228	2		
3					95.1	0.610				1732.551	131.0	0.404			4594.264	94.0	2.423			8380.808	3		
4					99.0	1.028				1830.553	116.8	0.606			4810.458	96.8	2.423			8475.028	4		
5					107.4	1.019				1936.904	105.0	0.806			4914.652	98.5	3.078			8570.450	5		
6					109.8	0.610				2046.924	125.4	0.398			5039.654	100.1	2.714			8667.836	6		
7					97.1	0.407				2142.787	128.8	0			5168.454	37.9	6.3			8696.487	7		
8					89.2	0.612				2231.375	122.4	0.995			5289.859	0	3.9			8689.310	8		
9					93.6	0.809				2324.166	128.0	1.593			5416.266	0.9	0.1			8687.694	9		
10					100.2	1.006				2423.360	135.5	1.593			5550.173	0.5	27.9			8658.086	10		
11					107.8	0.800				2530.360	128.9	1.993			5677.080	0	44.6			8610.557	11		
12					114.2	0.992				2643.568	123.0	1.978			5798.102	44.0	3.170			8563.387	12		
13	54.8		0.025		114.5	0.593				2757.457	126.3	1.961			5922.441	44.9	2.964			8515.523	13		
14	59.0		0.026		103.7	0.395				2860.780	123.9	1.161			6045.180	44.8	3.058			8467.665	14		
15	54.4		0.039		92.7	0.989				2952.491	118.7	1.714			6162.166	41.0	3.716			8422.949	15		
16	50.4		0.100		218.410	1.379				3050.012	117.4	1.118			6278.448	33.0	3.515			8386.434	16		
17	43.4		0		261.810	0.196				3161.816	119.4	2.220			6396.628	36.6	3.624			8346.210	17		
18	49.0		0.141		310.669	0.590				3275.526	122.0	2.757			6514.971	16.8	3.457			8308.953	18		
19	65.6		0.164		104.2	1.180				3378.546	123.3	2.377			6635.734	54.7	3.020			8248.233	19		
20	80.1		0.194		456.011	0.392				3471.154	122.4	2.893			6755.301	67.2	3.272			8177.761	20		
21	86.2		0.222		541.989	0.787				3558.867	123.4	1.802			6876.899	65.8	3.594			8108.367	21		
22	87.5		0.249		629.240	1.185				3645.867	124.3	2.527			6998.672	67.2	3.292			8077.532	22		
23	87.5		0.136		716.604	1.583				3731.899	126.3	1.981			7122.991	86.1	2.210			7948.220	23		
24	87.5		0.149		803.955	0.795				3818.704	124.5	3.399			7244.092	98.1	3.054			7847.066	24		
25	87.5		0.168		891.295	1.394				3902.610	121.2	2.836			7362.456	101.5	2.912			7742.654	25		
26	94.9		0.167		986.028	0.7				3988.509	120.4	1.055			7481.801	100.5	3.164			7638.990	26		
27	95.2		0.351		1080.877	0.97				4077.602	121.2	0.175			7602.826	101.7	2.759			7534.531	27		
28	88.3		0.366		1168.811	1.613				4165.789	126.0	1.561			7727.266	68.8	3.001			7462.730	28		
29	89.5		0.563		1258.048	1.413				4253.276	125.8	2.608			7852.080	48.0	3.181			7411.549	29		
30	100.4		0.571		1357.877	1.402				4342.774	125.4	2.438			7971.512	48.0	3.233			7360.516	30		
31	98.7		0.615		1455.962										8096.574						31		
TOTAL	1460.2		4.238		2898.6		27.788				3820.8		51.000			625.7	1271.5	90.458				TOTAL	
JULY 1971						AUGUST 1971						FEBRUARY 1972						MARCH 1972					
1		48.0	3.349		7308.967	228.6	3.795			4152.438								0.083			197.155	1	
2		48.0	3.347		7297.620	228.6	3.508			3820.330								0.084			197.071	2	
3		48.0	3.475		7206.145	228.6	3.686			3580.996								0.082			197.025	3	
4		42.9	3.546		7159.692	228.6	2.768			3457.128								0.083			196.946	4	
5		60.1	3.919		7095.680	228.6	2.699			3225.829								0.081			196.865	5	
6		88.2	3.826		7003.664	228.6	2.623			2994.606	37.2				37.200			0.080			196.785	6	
7		94.0	3.420		6906.234	228.6	2.714			2763.292	38.4	0.017			75.581			0.080			196.705	7	
8		110.0	3.154		6793.080	228.6	2.403			2532.284	24.6	0			100.181			0.079			196.626	8	
9		161.6	2.858		6628.622	228.6	2.269			2301.420	36.2	0.030			136.351			0.079			196.547	9	
10		185.9	3.196		6439.526	228.6	2.274			2070.546	35.0	0.073			171.280			0.078			196.469	10	
11		185.9	3.533		6250.093	228.6	1.824			1840.122	21.0	0.081			192.199			0.078			196.391	11	
12		233.5	3.676		6012.917	228.6	1.665			1609.957	5.9	0.083			198.016			0.078			196.313	12	
13	3068.3	262.0	6.068		5813.134	228.6	1.373			1379.984		0.041			197.975			0.077			196.236	13	
14		265.2	5.853		5651.781	228.6	1.195			1150.289		0			197.975			0.076			196.160	14	
15		251.7	4.432		5495.643	228.6	1.001			920.788		0.041			197.984			0.076			196.084	15	
16		251.8	5.221		5308.628	228.5	0.723			621.569		0.041			197.893			0.112			195.972	16	
17		251.8	2.243		5131.904	231.7	0.459			450.406		0.041			197.852			0.110			195.862	17	
18		249.9	5.083		4953.904	233.5	0.237			255.666		0.041			197.811			0.072			195.700	18	
19		249.9	5.282		4778.722	178.8	0.047			46.822		0.082			197.729			0.106			195.684	19	
20		251.8	4.975		4602.947	46.822	0			0		0.041			197.688			0.104			195.580	20	
21		289.9	4.673		4437.374							0.041			197.647			0.101			195.479	21	
22		286.8	4.864		4266.338							0.081			197.566			0.066			195.411	22	
23		244.8	4.572		4101.016							0.040			197.526	52.3		0.081			247.632	23	
24		244.8	4.522		3936.349							0.041			197.485	75.0		0.101			322.531	24	
25		238.9	3.767		3774.349							0.041			197.444	71.1		0.235			397.396	25	
26		226.3	4.416		3543.633							0.041			197.403	58.3		0.194			451.502	26	
27		225.7	3.903		3314.030							0.083			197.320	26.3		0.198			477.604	27	
28		228.6	4.297		3081.133							0.041			197.279	4.5		0.258			481.846	28	
29		228.6	3.115		2849.418							0.041			197.238			0.188			481.658	29	
30		228.5	3.503		2617.415													0.244			481.414	30	
31		228.5	4.062		2384.833													0.178			481.236	31	
TOTAL	3068.3	327.6	126.168			4348.1	36.811				198.3		1.062			287.5		3.502				TOTAL	
APRIL 1972						MAY 1972						JUNE 1972						JULY 1972					
1		0.174			481.062	124.1	0.584			1775.093	84.7	2.227			4443.326			212.9	1.885			2160.876	1
2		0.169			480.893	131.2	0.707			1905.586	93.0	1.801			4534.525			204.1	1.725			1955.061	2
3	5.6	0.277			486.216	133.4	0.628			2038.358	84.0	1.820			4616.905			198.7	1.711			1754.640	3
4	24.8	0.225			510.791	137.8	0.977			2175.181	56.7	2.136			4671.469			19					

MODOC DITCH COMPANY

QUANTITIES IN ACRE FEET

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MODOC DITCH COMPANY

QUANTITIES IN ACRE FEET

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TABLE C-36

ST. JOHNS DITCH COMPANY

WATER YEAR 1971, 1972, 1973

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
DAY	MARCH 1971					APRIL 1971					MAY 1971					JUNE 1971					DAY
1						42.9		0.225		584.363	46.0		0.636		1760.021	26.2		0.664		2601.611	1
2						46.9		0.310		630.953	45.7		0.556		1805.165	25.2		0.715		2626.096	2
3						44.3		0.238		675.015	46.0		0.159		1851.006	24.8		0.766		2650.130	3
4						38.9		0.401		713.514	48.3		0.239		1899.067	22.9		0.813		2672.217	4
5						31.6		0.392		744.722	49.8		0.320		1948.547	21.4		0.967		2692.650	5
6						31.4		0.231		775.891	40.4		0.157		1988.790	20.7	0	0.849		2712.501	6
7						39.5		0.155		815.235	28.1		0		2016.350	7.7	15.1	0.917		2704.184	7
8						47.0		0.236		862.600	38.3		0.386		2054.804	0	23.2	1.011		2679.973	8
9						44.5		0.316		906.784	46.3		0.618		2100.486	0	22.2	0.739		2657.034	9
10						36.5		0.392		944.892	39.3		0.614		2139.172	0	21.2	0.672		2635.162	10
11						32.4		0.309		976.983	28.9		0.761		2167.311	19.8	0	0.903		2654.059	11
12						27.0		0.377		1003.606	23.9		0.747		2190.464	19.4		0.989		2672.470	12
13	31.4		0.014		31.386	26.0		0.221		1029.385	22.1		0.732		2211.832	19.4		0.937		2690.933	13
14	18.8		0.012		50.174	34.0		0.147		1063.238	20.4		0.429		2231.803	19.7		0.978		2709.356	14
15	0		0.012		50.162	41.8		0.370		1104.668	19.3		0.626		2250.477	19.3		1.203		2727.452	15
16			0.023		50.139	38.0		0.517		1142.151	19.0		0.404		2269.073	19.2		1.151		2745.501	16
17			0.0		50.139	28.4		0.073		1170.478	19.3		0.794		2287.579	19.3		1.200		2763.601	17
18	0		0.023		50.116	30.6		0.216		1200.862	19.9		0.776		2306.503	19.7		1.158		2782.143	18
19	1.2		0.022		51.204	38.1		0.432		1238.530	20.2		0.833		2325.870	20.3		1.026		2801.417	19
20	4.5		0.024		55.770	41.5		0.145		1279.885	20.1		1.004		2344.966	20.9		1.129		2821.188	20
21	33.7		0.037		89.433	47.1		0.293		1326.692	20.4		0.620		2364.746	21.0		1.259		2840.929	21
22	50.4		0.055		139.778	50.2		0.444		1376.444	22.4		0.862		2386.284	21.9		1.294		2861.535	22
23	50.4		0.036		109.142	50.2		0.605		1426.039	22.5		0.670		2408.114	23.2		1.165		2883.570	23
24	50.4		0.045		280.497	50.1		0.307		1475.832	20.8		1.139		2427.775	25.1		1.132		2907.538	24
25	50.4		0.052		290.845	39.5		0.541		1514.791	19.9		0.942		2446.733	28.3		1.104		2934.734	25
26	44.4		0.057		335.188	21.1		0.539		1535.352	19.8		0.348		2466.185	31.2		1.228		2964.706	26
27	41.6		0.123		376.665	30.3		0.863		1565.189	20.0		0.057		2486.128	34.1		1.098		2997.708	27
28	43.2		0.131		419.734	47.1		0.624		1611.665	20.9		0.506		2506.622	35.7		1.219		3032.189	28
29	42.8		0.207		462.327	50.6		0.552		1631.713	22.7		0.336		2528.586	35.9		1.316		3066.773	29
30	39.8		0.210		501.917	53.5		0.556		1714.557	23.4		0.815		2551.451	35.9		1.362		3101.311	30
31	40.0		0.229		541.688						25.4		0.776		2576.075						31
TOTAL	543.0		1.312			1183.6		10.631			879.5		18.082			637.9	81.7	30.964			TOTAL
DAY	JULY 1971					APRIL 1972					MAY 1972					JUNE 1972					DAY
1	35.9		1.437		3135.774					40.3		0.120		363.276	9.2		0.779		1554.331	1	
2	35.9		1.462		3170.212					33.9		0.147		397.029	0.0		0.817		1551.714	2	
3	35.9		1.545		3204.557					31.0		0.132		427.857			0.612		1551.102	3	
4	13.5	11.2	1.587		3205.280					41.2		0.211		468.886			0.710		1552.392	4	
5	0	17.9	1.759		3185.621					45.8		0.224		514.462			1.121		1551.271	5	
6	17.8		1.730		3166.091					45.8		0.211		560.051			0.766		1550.505	6	
7	17.9		1.568		3146.633					48.2		0.252		607.999	33.6		0.732		1587.373	7	
8	14.1		1.454		3131.079					50.3		0.237		658.062	41.5		0.910		1623.963	8	
9	15.2		1.343		3114.536					54.8		0.284		712.578	43.6		0.607		1666.756	9	
10	17.3		1.536		3095.700					56.1		0.400		768.278	18.4		0.452		1684.704	10	
11	17.3		1.739		3076.661					55.6		0.491		823.387			0.800		1683.904	11	
12	6.5		1.876		3068.285					53.3		0.586		876.101			1.042		1682.862	12	
13	3068.3				0					48.9		0.642		924.359			1.059		1691.803	13	
14										46.9		0.619		970.040			0.955		1680.848	14	
15										45.8		0.637		1015.203			0.965		1679.883	15	
16						1.2				1.200		0.575		1062.328			1.110		1678.773	16	
17						0.7				1.900		0.581		1115.087			1.125		1666.148	17	
18						0				1.900		0.533		1170.354	11.5		1.076		1646.272	18	
19										1.900		0.180		1200.974	18.8		1.089		1622.982	19	
20										1.900		0.271		1215.303	8.4		1.047		1614.536	20	
21										1.900	5.2	0.406		1220.097		1614.5					21
22						11.2		0.003		13.097	0.0	0.493		1219.604							22
23						36.2		0.014		49.283		0.578		1219.026							23
24						47.2		0.019		96.464	8.7	0.487		1227.239							24
25						42.9		0.028		139.336	40.1	0.634		1266.705							25
26						44.6		0.047		183.889	55.7	0.653		1321.752							26
27						43.0		0.070		226.819	55.7	0.722		1376.730							27
28						34.5		0.062		261.256	55.7	0.792		1431.638							28
29						31.0		0.068		292.188	55.7	0.815		1486.523							29
30								0.092		323.096	36.4	0.879		1522.044							30
31											24.7	0.834		1545.910							31
TOTAL	121.2	3203.5	19.026			323.5		0.400			1237.2		14.386			146.1	1674.5	17.574			TOTAL
DAY	APRIL 1973					MAY 1973					JUNE 1973					JULY 1973					DAY
1	12.8		0.003		12.797			0.077		209.196	23.8		0.102		572.557	7.9	0.233		567.040	1	
2	21.2		0.004		31.993			0.086		209.111	23.8		0.210		696.147	7.9	0.235		568.905	2	
3	22.0		0.010		55.983			0.074		209.037	8.9		0.222		704.825	7.9	0.235		560.770	3	
4	23.7		0.014		79.669			0.080		208.957			0.221		704.604	7.9	0.242		542.628	4	
5	24.2		0.022		103.847			0.063		208.894			0.211		704.393	7.9	0.187		534.541	5	
6	23.1		0.042		126.905			0.070		208.824			0.267		704.126	7.9	0.199		526.442	6	
7	21.3		0.048		148.157			0.069		208.755			0.283		703.843	7.9	0.209		518.333	7	
8	19.9		0.053		168.004			0.073		208.682			0.288		703.555	7.9	0.216		510.217	8	
9	19.5		0.043		187.461			0.079		213.603			0.240		703.315	7.9	0				

TABLE C-36 (Cont'd)

ST. JOHNS DITCH COMPANY

WATER YEAR 1973, 1974, 1975

QUANTITIES IN ACRE FEET

QUANTITIES IN ACRE FEET																								
IN STORAGE					OUT STORAGE					EVAPORATION					RELEASE ADJUSTMENT					ADJUSTED STORAGE				
IN STORAGE					OUT STORAGE					EVAPORATION					RELEASE ADJUSTMENT					ADJUSTED STORAGE				
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IN STORAGE					OUT STORAGE					EVAPORATION					RELEASE ADJUSTMENT					ADJUSTED STORAGE				
IN STORAGE					OUT STORAGE					EVAPORATION					RELEASE ADJUSTMENT					ADJUSTED STORAGE				

TABLE C-36 (Cont'd)

ST JOHN'S DITCH COMPANY

WATER YEAR 1975

QUANTITIES IN ACRE FEET

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
AUGUST 1975																					
1			0.206		289,826																1
2			0.215		289,611																2
3			0.204		289,407																3
4			0.245		289,162																4
5			0.224		288,938																5
6			0.177		288,761																6
7			0.174		288,587																7
8		17.9	0.169		198,149																8
9		17.9	0.134		180,115																9
10		17.9	0.201		234,292																10
11		17.9	0.174		216,218																11
12		17.9	0.169		198,149																12
13		17.9	0.134		180,115																13
14		17.9	0.147		167,068																14
15		17.9	0.120		144,048																15
16		17.9	0.092		126,056																16
17		17.9	0.092		108,064																17
18		17.9	0.037		90,127																18
19		11.7	0.055		78,372																19
20		7.9	0.065		70,407																20
21		14.1	0.050		56,257																21
22		17.9	0.033		38,324																22
23		17.9	0.021		20,403																23
24		17.9	0.003		2,500																24
25		2.5	0.000		0,000																25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL		286.80	3.232																		TOTAL
DAY																					DAY
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
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28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL

GOSHEN DITCH COMPANY

QUANTITIES IN ACRE FEET

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TABLE C-38

OPERATIONS POOL

WATER YEAR 1971, 1972

QUANTITIES IN ACRE FEET

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
MARCH 1971						APRIL 1971						MAY 1971						JUNE 1971						DAY			
1						56.0		0.197		510.171	39.7		0.913		2528.822	186.2		1.437		5663.208							1
2						42.1		0.271		552.000	58.0		0.797		2586.025	297.4		1.634		5928.994							2
3						49.0		0.212		600.788	46.6		0.226		2632.399	310.1		1.803		6237.291							3
4						70.7		0.377		671.111	59.0		0.339		2691.060	285.5		1.984		6520.807							4
5						121.9		0.417		792.594	89.6		0.450		2780.210	273.8		2.441		6792.166							5
6						118.0		0.272		910.322	204.3		0.224		2984.286	274.2	0	2.212		7064.154							6
7						72.5		0.187		982.635	129.3		0		3113.586	135.4	25.7	2.432		7171.422							7
8						42.1		0.281		1024.454	57.0		0.595		3169.991	52.2	39.6	2.709		7181.313							8
9						51.2		0.374		1075.280	84.6		0.947		3253.664	40.7	36.8	1.998		7183.215							9
10						74.6		0.478		1149.402	179.6		0.948		3432.296	33.9	31.4	1.832		7183.883							10
11						114.2		0.399		1263.203	293.9		1.223		3724.973	33.9	29.3	2.444		7186.039							11
12						170.7		0.538		1433.365	302.2		1.288		4025.985	33.9	36.8	2.658		7180.481							12
13	19.8		0.009		19.791	179.4		0.347		1612.418	263.5		1.350		4288.135	33.9	40.3	2.498		7171.583							13
14	11.9		0.007		31.684	109.4		0.238		1721.580	242.8		0.833		4530.102	33.9	32.6	2.589		7170.294							14
15	0		0.007		31.677	61.4		0.598		1782.382	238.2		1.274		4767.028	21.5	55.0	3.148		7133.646							15
16			0.015		31.662	78.7		0.841		1860.241	244.6		0.859		5010.769	14.1	121.2	2.944		7023.602							16
17			0		31.662	166.2		0.126		2026.315	149.3		1.757		5158.312	14.1	136.5	2.996		6998.206							17
18			0.014		31.648	136.4		0.390		2162.325	43.9		2.204		5199.108	14.5	147.3	2.915		6762.591							18
19			0.014		31.634	75.8		0.781		2237.344	14.7		1.880		5211.928	15.5	153.2	2.425		6622.466							19
20	0		0.014		31.620	63.5		0.260		2300.584	20.0		2.253		5229.675	15.8	260.8	2.551		6374.915							20
21	8.7		0.017		40.303	46.8		0.519		2346.865	21.4		1.383		5249.692	21.3	349.3	2.679		6044.236							21
22	13.9		0.021		54.182	21.0		0.774		2380.091	18.4		1.913		5266.179	20.3	362.2	2.577		5699.759							22
23	13.9		0.013		68.069	31.7		1.023		2410.768	15.8		1.478		5280.501	18.6	359.5	2.165		5356.694							23
24	13.9		0.015		81.954	26.8		0.507		2437.061	14.4		2.501		5292.400	22.1	357.6	1.954		5019.240							24
25	13.9		0.017		95.837	8.9		0.873		2445.088	14.1		2.057		5304.443	28.4	357.5	1.764		4688.376							25
26	44.0		0.024		139.813	0		0.858		2444.230	14.3		0.756		5317.987	36.2	357.2	1.809		4365.567							26
27	62.0		0.066		201.747	0		0.724		2443.506	15.8		0.124		5333.663	46.5	357.2	1.484		4053.383							27
28	58.7		0.082		260.365	0		0.946		2442.560	18.8		0.987		5351.476	40.2	233.2	1.551		3858.832							28
29	56.4		0.142		316.623	19.8		0.818		2461.542	20.0		0.719		5370.757	18.7	159.9	1.536		3716.037							29
30	72.3		0.163		388.768	29.3		0.507		2490.035	30.1		1.772		5399.085	10.5	160.7	1.565		3564.272							30
31	65.8		0.192		454.368						51.0		1.640		5448.445												31
TOTAL						455.2		0.832		2051.1	15.433		35.690		2383.3	4200.8	66.673									TOTAL	
JULY 1971						AUGUST 1971						SEPTEMBER 1971						OCTOBER 1971						DAY			
1	16.7	160.7	1.565		3418.707	0.8		0.891		976.234			0.042		43.126												1
2	20.5	160.7	1.510		3276.997	0.8		0.872		976.162		13.9	0.024		29.202												2
3	20.4	160.7	1.512		3135.186	0.9		0.865		976.207		13.9	0.015		15.287												3
4	20.3	184.3	1.725		2969.460	0.0	0.0	0.780		975.327		15.287			0.003												4
5	7.8	198.4	1.533		2777.327	0.0	11.8	0.804		962.723																	5
6	0.5	198.4	1.409		2578.018		31.4	0.814		930.593																	6
7	0.6	198.4	1.177		2379.041		52.2	0.801		877.048																	7
8	6.8	198.4	1.016		2186.425		52.2	0.782		824.466																	8
9	10.4	253.0	0.837		1942.988		52.2	0.759		771.507																	9
10	10.3	285.6	0.826		1666.862		52.2	0.788		718.519																	10
11	10.4	285.6	0.785		1390.877		52.2	0.659		665.660																	11
12	16.4	71.7	0.815		1334.762		52.2	0.632		612.828																	12
13	20.2	0	0.931		1354.031		42.2	0.566		570.062																	13
14	20.3	0	0.940		1373.331		42.2	0.547		527.315																	14
15	20.3	24.3	0.731		1368.660		42.2	0.525		484.590																	15
16	14.0	38.9	0.871		1342.889		42.2	0.460		441.930																	16
17	10.3	38.9	0.378		1313.911		42.2	0.397		399.333																	17
18	10.2	38.9	0.865		1284.346		42.2	0.374		356.759																	18
19	10.1	38.9	0.909		1254.637		42.2	0.311		314.248																	19
20	3.9	38.6	0.863		1219.074		36.1	0.224		277.924																	20
21	0.2	38.5	0.814		1179.060		32.3	0.235		245.389																	21
22	0.2	37.9	0.852		1141.408	0.0	32.3	0.159		212.930																	22
23	0.2	37.5	0.804		1103.304	12.4	32.7	0.147		192.483																	23
24	0.3	37.5	0.800		1065.304	19.8	32.9	0.142		179.241				</													

OPERATIONS POOL

QUANTITIES IN ACRE FEET

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TABLE C-39

DAILY MEAN DISCHARGE

WATER YEAR	STATION NO.	STATION NAME
1971		TULARE COUNTY RECREATION STORAGE (ACCUMULATED)

IN ACRE-FEET

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7629	7552	7777	8102	8133	8161	8188	8194	8181	8135	8079	7937	1
2	7621	7553	7796	8103	8134	8162	8188	8194	8180	8133	8076	7934	2
3	7615	7554	7815	8104	8135	8163	8188	8195	8179	8131	8073	7930	3
4	7610	7558	7834	8105	8136	8164	8188	8195	8178	8128	8070	7924	4
5	7605	7561	7853	8106	8137	8165	8188	8195	8177	8125	8067	7918	5
6	7600	7565	7872	8107	8138	8166	8189	8196	8176	8123	8064	7918	6
7	7596	7570	7891	8108	8139	8167	8190	8197	8175	8122	8060	7914	7
8	7591	7575	7910	8109	8140	8168	8190	8197	8174	8122	8056	7908	8
9	7585	7581	7929	8110	8141	8169	8190	8197	8173	8122	8052	7902	9
10	7579	7587	7948	8111	8142	8170	8190	8197	8172	8121	8047	7897	10
11	7573	7593	7967	8112	8143	8171	8190	8196	8171	8120	8042	7891	11
12	7568	7601	7986	8113	8144	8172	8190	8195	8170	8119	8036	7883	12
13	7564	7510	8005	8114	8145	8173	8191	8194	8169	8117	8030	7875	13
14	7561	7619	8024	8115	8146	8174	8192	8193	8168	8115	8024	7866	14
15	7558	7628	8043	8116	8147	8175	8192	8192	8166	8114	8018	7857	15
16	7554	7635	8062	8117	8148	8176	8192	8192	8164	8112	8012	7848	16
17	7550	7641	8081	8118	8149	8177	8193	8191	8162	8113	8006	7841	17
18	7548	7647	8088	8119	8150	8178	8194	8190	8160	8111	7999	7833	18
19	7545	7653	8089	8120	8151	8179	8194	8189	8158	8109	7993	7825	19
20	7543	7659	8090	8121	8152	8180	8195	8188	8156	8107	7988	7818	20
21	7542	7665	8091	8122	8153	8181	8195	8188	8154	8105	7982	7811	21
22	7540	7670	8092	8123	8154	8182	8195	8187	8152	8103	7977	7804	22
23	7538	7675	8093	8124	8155	8183	8195	8186	8150	8101	7972	7797	23
24	7541	7680	8094	8125	8156	8184	8195	8184	8148	8099	7968	7793	24
25	7543	7685	8095	8126	8157	8185	8195	8183	8146	8097	7962	7791	25
26	7545	7690	8096	8127	8158	8186	8195	8183	8144	8094	7955	7787	26
27	7547	7701	8097	8128	8159	8187	8195	8184	8143	8092	7950	7783	27
28	7548	7720	8098	8129	8160	8188	8195	8184	8141	8089	7948	7779	28
29	7549	7739	8099	8130		8188	8195	8184	8139	8187	7945	7775	29
30	7550	7758	8100	8131		8188	8194	8183	8137	8085	7942	7772	30
31	7551		8101	8132		8188		8182		8082	7940		31
MEAN MAX. MIN. AC. FT.													MEAN MAX. MIN. AC. FT.

DAILY MEAN DISCHARGE

WATER YEAR	STATION NO.	STATION NAME
1972		TULARE COUNTY RECREATION STORAGE (Accumulated)

IN ACRE-FEET

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7770	7804	8110	8445	8476	8505	8530	8519	8472	8374	8188	7939	1
2	7768	7810	8123	8446	8477	8506	8530	8517	8470	8369	8179	7930	2
3	7767	7815	8136	8447	8478	8507	8530	8515	8468	8363	8172	7925	3
4	7764	7821	8149	8448	8479	8508	8530	8514	8465	8357	8164	7922	4
5	7761	7827	8162	8449	8480	8509	8531	8513	8461	8352	8156	7920	5
6	7758	7833	8175	8450	8481	8510	8531	8512	8459	8347	8148	7913	6
7	7754	7839	8188	8451	8482	8511	8531	8511	8457	8342	8140	7905	7
8	7753	7846	8201	8452	8483	8512	8531	8510	8454	8338	8131	7897	8
9	7751	7853	8214	8453	8484	8513	8531	8509	8453	8333	8122	7890	9
10	7749	7860	8227	8454	8485	8514	8531	8508	8452	8327	8114	7884	10
11	7748	7869	8240	8455	8486	8515	8532	8506	8450	8321	8106	7878	11
12	7746	7877	8258	8456	8487	8516	8532	8504	8447	8314	8098	7873	12
13	7744	7887	8266	8457	8488	8517	8532	8501	8444	8307	8090	7866	13
14	7744	7898	8279	8458	8489	8518	8532	8499	8441	8299	8083	7859	14
15	7745	7911	8292	8459	8490	8519	8532	8497	8438	8292	8078	7852	15
16	7748	7923	8305	8460	8491	8520	8532	8495	8435	8285	8071	7845	16
17	7750	7935		8461	8492	8521	8532	8494	8431	8280	8064	7839	17
18	7751	7947	8331	8462	8493	8522	8532	8493	8427	8275	8057	7834	18
19	7753	7959	8344	8463	8494	8523	8531	8493	8424	8270	8050	7829	19
20	7753	7971	8357	8464	8495	8524	8530	8493	8421	8266	8043	7824	20
21	7755	7983	8370	8465	8496	8525	8529	8492	8418	8261	8035	7817	21
22	7757	7995	8383	8466	8497	8526	8528	8491	8414	8256	8026	7811	22
23	7763	8007	8396	8467	8498	8527	8527	8489	8411	8250	8018	7806	23
24	7768	8019	8409	8468	8499	8528	8526	8488	8408	8244	8009	7800	24
25	7773	8032	8422	8469	8500	8528	8526	8486	8404	8237	8000	7794	25
26	7777	8045	8435	8470	8501	8529	8525	8484	8400	8230	7991	7788	26
27	7781	8058	8440	8471	8502	8530	8524	8482	8396	8222	7982	7784	27
28	7786	8071	8441	8472	8503	8530	8523	8480	8391	8214	7973	7780	28
29	7791	8084	8442	8473	8504	8530	8522	8478	8385	8210	7964	7777	29
30	7795	8097	8443	8474		8530	8521	8476	8379	8204	7955	7772	30
31	7799		8475	8475		8530		8474		8196	7947		31
MEAN MAX. MIN. AC. FT.													MEAN MAX. MIN. AC. FT.

TABLE C-39 (Cont'd)
DAILY MEAN DISCHARGE

TABLE C-39 (Cont'd)													
WATER YEAR		STATION NO.		STATION NAME									
1973				TULARE COUNTY RECREATION STORAGE (Accumulated)									
IN ACRE-FEET													
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7769	7699	7713	7971	8261	8289	8320	8320	8295	8252	8179	8030	1
2	7766	7693	7714	7990	8262	8290	8321	8319	8294	8250	8175	8024	2
3	7763	7696	7715	8009	8263	8291	8322	8319	8293	8248	8172	8019	3
4	7761	7696	7716	8028	8264	8292	8322	8318	8292	8246	8168	8014	4
5	7751	7695	7717	8047	8265	8293	8322	8318	8291	8244	8166	8010	5
6	7752	7694	7718	8066	8266	8294	8322	8318	8290	8242	8163	8005	6
7	7747	7694	7719	8085	8267	8295	8322	8317	8288	8240	8159	8001	7
8	7744	7695	7720	8104	8268	8296	8322	8316	8286	8238	8155	7995	8
9	7742	7695	7721	8123	8269	8297	8323	8315	8285	8236	8152	7988	9
10	7739	7695	7722	8142	8270	8298	8323	8314	8284	8234	8148	7983	10
11	7736	7696	7723	8161	8271	8299	8323	8313	8283	8232	8143	7978	11
12	7733	7696	7724	8180	8272	8300	8323	8312	8282	8230	8138	7972	12
13	7729	7696	7725	8199	8273	8301	8323	8311	8281	8228	8133	7967	13
14	7726	7697	7726	8218	8274	8302	8324	8311	8280	8226	8127	7962	14
15	7722	7697	7727	8237	8275	8303	8324	8310	8279	8224	8122	7957	15
16	7720	7698	7728	8245	8276	8304	8324	8309	8278	8223	8116	7953	16
17	7717	7699	7729	8246	8277	8305	8324	8308	8277	8221	8110	7948	17
18	7716	7700	7730	8247	8278	8306	8324	8307	8276	8219	8104	7943	18
19	7716	7701	7731	8248	8279	8307	8324	8306	8274	8217	8097	7938	19
20	7716	7702	7743	8249	8280	8308	8324	8305	8272	8215	8093	7933	20
21	7715	7703	7762	8250	8281	8309	8324	8304	8270	8213	8087	7928	21
22	7714	7704	7781	8251	8282	8310	8324	8303	8268	8211	8082	7925	22
23	7713	7705	7800	8252	8283	8311	8324	8302	8267	8208	8078	7921	23
24	7712	7706	7819	8253	8284	8312	8324	8301	8266	8205	8073	7917	24
25	7709	7707	7838	8254	8285	8313	8323	8300	8264	8202	8068	7913	25
26	7707	7708	7857	8255	8286	8314	8322	8299	8262	8198	8063	7907	26
27	7706	7709	7876	8256	8287	8315	8322	8298	8260	8194	8059	7901	27
28	7705	7710	7895	8257	8288	8316	8321	8297	8258	8191	8053	7895	28
29	7704	7711	7914	8258		8317	8321	8296	8256	8188	8047	7888	29
30	7703	7712	7933	8259		8318	8321	8295	8254	8185	8041	7883	30
31	7701		7952	8260		8319		8295		8182	8036		31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

DAILY MEAN DISCHARGE

DAILY MEAN DISCHARGE													
WATER YEAR		STATION NO.		STATION NAME									
1974				TULARE COUNTY RECREATION STORAGE (Accumulated)									
IN ACRE-FEET													
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7879	7811	7816	7847	7878	8014	8045	8056	8045	8006	7917	7746	1
2	7875	7811	7817	7848	7879	8015	8046	8056	8044	8004	7912	7740	2
3	7871	7810	7818	7849	7880	8016	8047	8056	8043	8002	7908	7734	3
4	7866	7809	7819	7850	7881	8017	8048	8056	8042	8000	7905	7727	4
5	7861	7808	7820	7851	7893	8018	8049	8056	8041	7998	7900	7719	5
6	7859	7807	7821	7852	7912	8019	8050	8056	8040	7996	7895	7710	6
7	7860	7806	7822	7853	7931	8020	8051	8056	8039	7994	7889	7701	7
8	7860	7806	7823	7854	7950	8021	8051	8056	8038	7992	7884	7693	8
9	7858	7805	7824	7855	7969	8022	8052	8056	8036	7990	7879	7686	9
10	7856	7804	7825	7856	7999	8023	8053	8056	8034	7989	7874	7678	10
11	7854	7802	7826	7857	7996	8024	8053	8056	8033	7987	7869	7671	11
12	7851	7802	7827	7858	7997	8025	8053	8056	8032	7985	7865	7664	12
12	7848	7802	7828	7859	7998	8026	8053	8056	8031	7983	7860	7658	12
14	7844	7802	7829	7860	7999	8027	8053	8056	8030	7981	7854	7652	14
15	7841	7802	7830	7861	8000	8038	8053	8056	8029	7979	7848	7646	15
16	7839	7803	7831	7862	8001	8029	8053	8056	8028	7977	7843	7639	16
17	7835	7803	7832	7863	8002	8030	8053	8056	8027	7974	7838	7632	17
18	7831	7803	7833	7864	8003	8031	8053	8056	8026	7971	7833	7624	18
19	7827	7804	7834	7865	8004	8032	8054	8056	8025	7968	7828	7617	19
30	7824	7805	7835	7866	8005	8033	8054	8056	8024	7965	7823	7610	20
21	7822	7806	7836	7867	8006	8034	8054	8056	8023	7962	7816	7602	31
22	7822	7807	7837	7868	8007	8035	8054	8055	8022	7958	7809	7594	22
23	7821	7808	7838	7869	8008	8036	8054	8054	8021	7953	7802	7586	23
24	7820	7809	7839	7870	8009	8037	8055	8053	8019	7949	7794	7581	24
35	7819	7810	7840	7871	8010	8038	8056	8052	8018	7945	7786	7575	25
26	7818	7811	7841	7872	8011	8039	8056	8051	8016	7941	7780	7570	26
27	7817	7812	7842	7873	8012	8040	8056	8050	8014	7933	7769	7558	27
28	7816	7813	7843	7874	8013	8041	8056	8049	8012	7933	7769	7558	28
29	7815	7814	7844	7875		8042	8056	8048	8010	7931	7764	7552	29
30	7814	7815	7845	7876		8043	8056	8047	8008	7926	7759	7545	30
31	7812		7846	7877		8044		8046		7922	7753		31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

TABLE C-39 (Cont'd)

DAILY MEAN DISCHARGE

WATER YEAR	STATION NO.	STATION NAME
1975		TULARE COUNTY RECREATION STORAGE (Accumulated)

IN ACRE-FEET

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7541	7459	7472	7573	8034	8062	8093	8103	8080	8043	7973	7824	1
2	7538	7459	7473	7504	8035	8063	8094	8103	8079	8042	7969	7817	2
3	7534	7459	7474	7505	8036	8064	8095	8103	8078	8041	7965	7809	3
4	7532	7459	7475	7506	8037	8065	8096	8103	8077	8040	7960	7801	4
5	7528	7459	7476	7507	8038	8066	8097	8103	8076	8039	7956	7792	5
6	7524	7458	7477	7508	8039	8067	8098	8103	8075	8037	7953	7784	6
7	7522	7457	7478	7509	8040	8068	8099	8102	8074	8035	7950	7777	7
8	7520	7457	7479	7510	8041	8069	8100	8101	8073	8033	7945	7773	8
9	7518	7457	7480	7511	8042	8070	8100	8100	8072	8033	7941	7767	9
10	7515	7457	7481	7512	8043	8071	8100	8099	8070	8031	7936	7762	10
11	7511	7457	7482	7513	8044	8072	8100	8099	8069	8029	7932	7757	11
12	7507	7457	7483	7514	8045	8073	8100	8098	8067	8027	7927	7752	12
13	7503	7457	7484	7515	8046	8074	8100	8097	8065	8025	7923	7746	13
14	7498	7457	7485	8016	8047	8075	8101	8096	8064	8023	7918	7740	14
15	7492	7457	7486	8017	8048	8076	8102	8096	8063	8022	7913	7735	15
16	7487	7458	7487	8018	8049	8077	8103	8077	8062	8020	7909	7731	16
17	7482	7459	7488	8019	8050	8078	8103	8094	8061	8018	7904	7725	17
18	7477	7460	7489	8020	8051	8079	8103	8093	8060	8016	7902	7720	18
19	7473	7461	7490	8021	8052	8080	8103	8092	8059	8014	7899	7715	19
20	7469	7461	7491	8022	8053	8081	8103	8092	8058	8012	7894	7710	20
21	7467	7462	7492	8023	8054	8082	8103	8091	8057	8009	7889	7704	21
22	7465	7463	7493	8024	8055	8083	8103	8090	8056	8006	7884	7698	22
23	7463	7464	7494	8025	8056	8084	8103	8089	8055	8003	7878	7692	23
24	7461	7465	7495	8026	8057	8085	8103	8088	8054	8000	7872	7684	24
25	7459	7466	7496	8027	8058	8086	8103	8087	8053	7996	7865	7676	25
26	7458	7467	7497	8028	8059	8087	8103	8086	8052	7992	7860	7669	26
27	7457	7468	7498	8029	8060	8088	8103	8085	8050	7989	7855	7663	27
28	7457	7469	7499	8030	8061	8089	8103	8085	8048	7986	7850	7658	28
29	7458	7470	7500	8031		8090	8103	8083	8046	7983	7844	7653	29
30	7458	7471	7501	8032		8091	8103	8082	8044	7980	7837	7647	30
31	7459		7502	8033		8092		8081		7977	7831		31
MEAN MAX. MIN. AC. FT.													MEAN MAX. MIN. AC. FT.

APPENDIX D

KAWEAH AND ST. JOHNS RIVERS ASSOCIATION AGREEMENT

KAWEAH AND ST. JOHNS RIVERS ASSOCIATION AGREEMENT

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KAWEAH AND ST. JOHNS RIVERS ASSOCIATION AGREEMENT

THIS AGREEMENT, made and entered into this 1st. day of March, 1974, by and between HAWKEYE DITCH, LEMON COVE DITCH COMPANY, FOOTHILL DITCH COMPANY, HAMILTON DITCH, CONSOLIDATED PEOPLES DITCH COMPANY, FARMERS DITCH COMPANY, ELK BAYOU DITCH COMPANY, TULARE IRRIGATION DISTRICT, TULARE IRRIGATION COMPANY, FLEMING DITCH COMPANY, OAKES DITCH COMPANY, EVANS DITCH COMPANY, WATSON DITCH COMPANY, PERSIAN DITCH COMPANY, VISALIA AND KAWEAH WATER COMPANY, LONGS CANAL, SENTINEL BUTTE MUTUAL WATER COMPANY, SWEENEY DITCH, MATHEWS DITCH COMPANY, JENNINGS DITCH COMPANY, UPHILL DITCH COMPANY, MODOC DITCH COMPANY, ST. JOHNS DITCH COMPANY, HARRELL J. HARRELL, ROBERT E. HARRELL, ELINOR H. BLACK, GOSHEN DITCH COMPANY, LAKESIDE DITCH COMPANY, CORCORAN IRRIGATION COMPANY, AND KAWEAH DELTA WATER CONSERVATION DISTRICT;

W I T N E S S E T H

THAT WHEREAS, the Kaweah River is a natural water course that has flowed and now flows from its source in the Sierra Nevada Mountains in the County of Tulare, State of California, through said County in a Southwesterly direction to a point in said County known as McKay Point in Section Four (4), Township Eighteen (18) South, Range Twenty-Seven (27) East, Mount Diablo Base and Meridian; and at said point

Kaweah River forks or divides into two streams or channels, and the Northerly one of said two streams from said McKay Point Westerly and Southwesterly for many miles is known as and called the St. Johns River, and the Southerly one of said two streams from said McKay Point Westerly and Southwesterly for many miles is known as and called the Kaweah River or Lower Kaweah River; and said Kaweah River, St. Johns River and Lower Kaweah River and all extensions and continuations thereof, including Cross Creek, Mill Creek, Packwood Creek, Deep Creek, and Elk Bayou, and other creeks and branches leading from said rivers will hereinafter collectively be referred to as the Kaweah and St. Johns Rivers; and

WHEREAS, all of the parties hereto are water companies, irrigation districts, conservation districts, corporations, entities or individuals, and all of them with the exception of the Kaweah Delta Water Conservation District are, and by themselves and their predecessors in interest for a great many years last past have been, the owners of ditches leading out of the Kaweah and St. Johns Rivers; and

WHEREAS, all of the parties hereto are, and by themselves and their predecessors in interest for a great many years last past have been, engaged in the business of diverting and appropriating water from the Kaweah and St. Johns Rivers by means of their respective ditches and by other means for the

irrigation of lands and for other useful and beneficial purposes; and all of said parties are desirous of and interested in maintaining and protecting their several and respective rights in and to the waters of said Kaweah and St. Johns Rivers; and

WHEREAS, the diversionary rights of the various parties hereto in and to the waters naturally flowing in the Kaweah and St. Johns Rivers have heretofore been determined and established by various court decrees and agreements, and by the established and beneficial usage of the water for the irrigation of land and or other beneficial purposes; and

WHEREAS, the construction of storage facilities included in the Terminus Dam Project as authorized by The Flood Control Act of 1944, Public Law No. 534 (78th Congress, 2nd Sess.) is complete and a number of the parties hereto have participated in the benefits of storage provided by said project under and pursuant to and as contemplated by that certain contract bearing Contract No. 14-06-200-1729A dated January 11, 1965, by and between the United States of America and Kaweah Delta Water Conservation District; and

WHEREAS, said Terminus Dam Project and its operation have affected and altered the natural flow of the Kaweah and St. Johns Rivers and will continue to do so, and have caused artificial interference with the natural flow of said Rivers and will continue to do so; and the storage of waters of the Kaweah and St. Johns Rivers in Terminus Dam Project has affected and altered river channel gains and losses due to seepage, return flows and other factors, and will continue to do so; and

WHEREAS, it is the desire and purpose of each and all of the parties hereto to protect and preserve the diversionary rights of each and all of the parties hereto in and to the waters of the Kaweah and St. Johns Rivers, as said waters naturally flow in said Rivers, and as said waters may from time to time be stored and released by the United States of America for flood control purposes, and as said waters may from time to time be diverted into storage, stored, regulated and released on behalf of the parties hereto for irrigation and other beneficial purposes; and in order to better protect and preserve such diversionary rights and to administer said Rivers under both natural flow and storage conditions it will be necessary for said parties to adopt, approve and put into force and effect a monthly flow schedule of the waters first flowing

in the Kaweah and St. Johns Rivers, wherein and whereby the diversionary rights and entitlements of each and all of the parties hereto in and to the waters first flowing in the Kaweah and St. Johns Rivers will be properly related to and based upon the amount of such waters naturally flowing in said Rivers and at the site of the Terminus Dam Project, and upon channel gains and losses downstream from said Project, and wherein and whereby such diversionary rights and entitlements of each and all parties hereto will be set forth and specified as to both time of diversion and amount of diversion at the respective headgates of each and all of the parties hereto; and

WHEREAS, the parties hereto have caused their respective engineers and other representatives to convert and translate their diversionary rights and entitlements in and to the waters first flowing in the Kaweah and St. Johns Rivers, which have been determined and established as hereinbefore specified, into monthly flow schedules based upon and related to the mean daily amounts of said waters flowing in said Rivers at the site of the Terminus Dam Project, as augmented by the inflow from creeks entering and feeding the Kaweah and St. Johns Rivers at points downstream from the site of said Project, which said schedules will permit and facilitate the proper administration of said Rivers

under both natural flow and storage conditions and which is entitled, "Kaweah River Diversion Schedule" and "St. Johns River Diversion Schedule," a copy of which said Schedules, together with all markings and explanations endorsed thereon, is hereto annexed and marked "Exhibit A" and "Exhibit B" respectively, and hereby expressly made a part of this Agreement; and

WHEREAS, in connection with the administration, diversion into storage, storage, regulation and release of the waters of the Kaweah and St. Johns Rivers as contemplated by the provisions of this Agreement, and in accordance with said Schedules, the parties hereto recognize the need for the establishment and maintenance of an Association and the employment of a Watermaster to control and supervise the administration, diversion into storage, storage, regulation and release of the waters of the Kaweah and St. Johns Rivers on behalf of the parties hereto and as their agent and representative; with the rights of Harrell J. Harrell, Robert E. Harrell and Elinor H. Black, as set forth in "Exhibit B" constituting a substituted riparian and appropriative right from the St. Johns River for the property described in "Exhibit C" attached hereto and made a part hereof; and

WHEREAS, most of the parties hereto desire to take advantage of and enjoy the benefits of storage, provided by said Terminus Dam Project including modification for new

Parties or non-storing parties, with all storage space allocations determined from the criteria set forth in "Exhibit D" attached hereto and made a part hereof:

NOW, THEREFORE, in consideration of the premises and the mutual desires and purposes of the parties hereto and of the benefits flowing between each and all of the parties hereto, it is hereby agreed by and between said parties, each with all, all with each, and each with each, as follows:

DEFINITIONS

1. It is understood and agreed that when used herein, unless otherwise distinctly expressed or manifestly incompatible with the intent hereof, the following terms shall have the following meanings:

(a) "Term of this Agreement" shall mean the period commencing March 1, 1974, and continuing until this Agreement is terminated by mutual consent of the parties; except that the provisions of paragraphs two (2) through sixteen (16) of this Agreement shall terminate as to any party, hereto bound by the provisions of paragraph one (1) through twenty-four (24) only hereof, on October 1, 1983, provided such party shall give written notice of such termination to the other parties hereto on or before April 1, 1983, and if such notice of termination is given by the owners of more than twenty-five (25) per cent of the total average annual water entitlement in and to the waters of the Kaweah and St. Johns Rivers, determined on the basis of the Schedules and all available historical data, which owners are bound by the provisions of Paragraph one (1) through twenty-four (24) hereof,

(whether or not such parties are bound by the provisions of the other paragraphs of this Agreement), this Agreement shall terminate on said October 1, 1983, as to said paragraphs two (2) through sixteen (16) as to all parties of this Agreement.

(b) "Natural Flow of Kaweah and St. Johns Rivers" shall mean that quantity of the waters of said Rivers which would flow past the site of Terminus Dam Project in the absence of said Project and all other artificial interference with or obstruction of the natural flow of said Rivers upstream from the site of said Project, together with the inflow from creeks entering and feeding said Kaweah and St. Johns Rivers at points downstream from the site of said Project:

(c) "Schedules" shall mean the schedules entitled "Kaweah River Diversion Schedule" and "St. Johns River Diversion Schedule", a copy of which, together with all markings and explanations endorsed thereon, is hereto annexed and marked "Exhibit A" and "Exhibit B" respectively.

(d) "Association" shall mean the "Kaweah and St. Johns Rivers Association", to be created under and pursuant to the terms of this Agreement:

(e) "Watermaster" shall mean the Watermaster to be employed by the Board of Directors of the Kaweah and St. Johns Rivers Association, as hereinafter provided:

(f) "Terminus Reservoir" shall mean the area reserved for the storage of waters of the Kaweah and St. Johns Rivers behind and upstream from Terminus Dam, as the same now constitute parts of the Terminus Dam Project:

(g) "Total Storage Space" shall mean the total storage capacity of Terminus Reservoir as now or hereafter existing, less the space therein required to store not to exceed 8,000 acre-feet of water as the same has now been, or may hereafter be acquired by the County of Tulare, for the purpose of maintaining a minimum pool in said reservoir for silt and recreation purposes; and which Total Storage Space presently amounts to a net storage capacity of 142,000 acre-feet; or as modified by the Corps of Engineers.

(h) A party's "Storage Allotment" shall mean the total amount of storage space in Terminus Reservoir specified in and for which said party will agree to pay compensation under the provisions of an Agreement entitled "Unit Agreement" between or among certain parties hereto and Kaweah Delta Water Conservation District:

(i) "Permitted Storage Space" at any time shall mean the amount of Terminus Reservoir space required to hold the total number of acre-feet of water which the United States Army, Corps of Engineers, will permit to remain in said Reservoir at any time:

(j) "Flood Release" shall mean that quantity of water discharged from Terminus Reservoir solely at the order of the United States Army, Corps of Engineers, and in the absence of any request therefore by or on behalf of any party to this Agreement:

(k) "Storage and Operations Contract" shall mean

the contract entitled "Contract Between the United States of America and the Kaweah Delta Water Conservation District Providing for the Operation and Maintenance of Irrigation Storage Space and for the Repayment of the Cost of Terminus Dam and Reservoir Allocated to Irrigation", Contract No. 14-06-200-1729A, dated January 11, 1965.

CREATION OF KAWEAH AND ST. JOHNS RIVERS ASSOCIATION

2. That there is hereby created for all of the purposes of this Agreement an Association known as and called, and to be known as and called the "Kaweah and St. Johns Rivers Association", which shall consist of the parties to this Agreement, and any additional members of said Association who may become such in the manner hereinafter specified.

BOARD OF DIRECTORS OF ASSOCIATION

3. That the governing body of the Association shall be known as the Board of Directors of the Kaweah and St. Johns Rivers Association, and said board of Directors shall be composed of four (4) representatives of the parties hereto that are members of the Kaweah River Association; four (4) representatives of the parties hereto that are members of the St. Johns River Association; three (3) representatives of the Kaweah Delta Water Conservation District; and two (2) representatives of the remaining parties hereto, namely; Hawkeye Ditch, Lemon Cove Ditch Company, Foothill Ditch Company, Hamilton Ditch, Longs Canal, Sentinel Butte Mutual Water Company, Sweeney Ditch, Harrell J. Harrell, Robert E. Harrell and Elinor H. Black.

SELECTION OF DIRECTORS OF ASSOCIATION

4. That the Directors of the Association who are to represent the parties hereto that are members of the Kaweah River Association shall be elected or appointed by the Board of Directors of said Kaweah River Association; that the Directors of the Association who are to represent the parties hereto that are members of the St. Johns River Association shall be elected or appointed by the Board of Directors of said St. Johns River Association; that the Directors of the Association who are to represent the Kaweah Delta Water Conservation District shall be elected or appointed by the Board of Directors of said Kaweah Delta Water Conservation District; and that the two (2) Directors of the Association who are to represent the remaining parties of this Agreement, shall be selected as follows: One (1) of which said two (2) Directors shall be selected on the basis of a 2/3 vote of such remaining parties, with each party having one vote, and the other one (1) of which shall be selected on the basis of a 2/3 vote of such remaining parties based on their respective proportionate shares of average annual water entitlements, provided that no more than one of such two (2) Directors shall represent a single such remaining party; and that each of the Directors, specified in this Paragraph 4, shall serve as follows:

(a) The term of office for each Director shall be for a period of two (2) years;

(b) The Directors shall be elected or appointed

on the first Friday of October of the even numbered years.

ORGANIZATION OF BOARD OF DIRECTORS

5. That the Directors of the Association shall be elected or appointed as hereinbefore specified within thirty (30) days after the execution and delivery of this Agreement, and as soon as practicable after their election or appointment said Directors shall meet at a time to be designated by the Chairman of the Board of Directors of the Kaweah Delta Water Conservation District, and at the offices of said District in the City of Visalia, California, and organize said Board of Directors of said Association by electing a Chairman, Vice Chairman, Secretary and Treasurer, and do such other and further acts as may be necessary to protect the rights of the parties hereto, to carry out the purposes of this Agreement, and to further the ends and effective organization of said Association; and the Secretary and Treasurer of said Association need not be members of said Association, nor members of said Board of Directors.

POWERS AND DUTIES OF ASSOCIATION

6. That during the term of this Agreement the Association, acting by and through its Board of Directors, shall have and is hereby granted control and supervision over the waters of the Kaweah and St. Johns Rivers and over the flow and diversion thereof to the extent, and only to the extent, provided in the Schedules, and shall have and is hereby granted control and supervision over the storage of the waters of said Kaweah and St. Johns Rivers to the extent

permitted and as contemplated by that certain contract bearing Contract No. 14-06-200-1729A dated January 11, 1965, by and between the United States of America and Kaweah Delta Water Conservation District, and as contemplated by this Agreement, and shall cause the waters of said Kaweah and St. Johns Rivers to be diverted therefrom and to be diverted into storage, stored, regulated and released from storage in accordance with said Schedules and this Agreement, and, subject to the terms of this Agreement, shall protect and defend the rights and interests respectively of all of the parties hereto under said Schedules and this Agreement; and

That for said purposes said Association, acting by and through its Board of Directors, shall employ a Water-master to patrol said Kaweah and St. Johns Rivers and to turn into the ditch or canal or place of use of each of the parties hereto the quantity of water to which such party may be entitled under said Schedules, and to satisfy irrigation and spreading demands under Flood Control releases at the time and in the manner such party is entitled to have said water, and to oversee and direct the diversion of the waters of said Rivers by the parties hereto and the storage thereof in Terminus Reservoir and to examine into all diversions of water from said Rivers by natural and artificial persons not parties hereto, and to do and perform such other acts as said Board of Directors may direct; and said Board of Directors shall otherwise carry out the

purpose and intent of this Agreement, it being expressly understood and agreed that it shall be the duty of said Association and of its Board of Directors and of any person whom it may employ as a Watermaster, to the fullest extent reasonably feasible and as provided in this Agreement, to protect the rights of all of the parties hereto in the particulars afore-said and to prevent the invasion of the respective rights of the parties hereto, and to prevent the diversion and appropriation by others not parties hereto of the waters of said Kaweah and St. Johns Rivers to which the parties hereto are respectively entitled under said Schedules, and to report promptly to each of the parties hereto any and all invasion of, and interference with their said respective rights, and to take prompt and effective measures to protect said respective rights and prevent all invasions thereof. The Watermaster may cause his duties to be performed by assistants under his supervision and may contract for services and facilities, subject to the approval of the Board of Directors.

SELECTION AND QUALIFICATIONS OF WATERMASTER

7. That the Watermaster to be employed by the Board of Directors of the Association for the purposes provided in this Agreement shall be a competent Civil Engineer, registered in the State of California, selected by said Board of Directors; but no such person shall become Watermaster until his selection shall have been approved by at least nine (9) members of the Board of Directors of this Association.

COMPENSATION OF ASSOCIATION EMPLOYEES

8. That the Board of Directors of the Association shall have the right and it shall be its duty to fix the salary of the Secretary, Treasurer and Watermaster of said Association, and to prescribe their duties, and it shall have the right and power to discharge such Secretary, Treasurer, or Watermaster at any time, and it shall have the right and power to consolidate the offices of said Secretary and Treasurer and to authorize the Watermaster to employ such assistants as may be necessary to carry out the purposes of this Agreement, and to efficiently administer the business of said Association, and said Watermaster shall fix the compensation of such assistants subject to the approval of said Board of Directors.

QUORUM AND VOTING RIGHTS OF DIRECTORS

9. That a majority in number of the members of the Board of Directors of the Association shall constitute a quorum for the transaction of the business of said Association, and each of the representatives of the parties hereto on said Board of Directors, including the Chairman, shall have one (1) vote upon any question coming before said Board, and all questions coming before said Board of Directors shall be determined by the concurrence of a majority of the full Board of Directors, except as otherwise provided in this Agreement.

ESTIMATE OF EXPENSES OF ASSOCIATION

10. That as soon as practicable after the organi-

zation of the Board of Directors of the Association, said Board of Directors shall make an estimate of the probable cost of conducting business of said Association until the first day of the month of October next following the date of such organization, and it shall in the month of September of each year thereafter make a like estimate of the probable cost of conducting the business of said Association for the year beginning on the next following October 1; and

That each such estimate shall also include all indebtedness theretofore contracted which said Association may not have had the means to pay; and said Board of Directors acting by or through its Secretary or Treasurer shall make a demand or requisition upon each of the parties hereto for its proportionate share of such estimate, and each of the parties hereto shall immediately be and become liable for and hereby agrees and binds itself to pay within sixty (60) days after such demand or requisition, to the Treasurer of said Association, its part of such estimate; and

That it is understood and agreed that the part of each such estimate for which each of the parties hereto shall be liable, and which it shall pay to said Treasurer shall be as follows:

Hawkeye Ditch, 0.217% thereof;

Lemon Cove Ditch Company, 0.145% thereof;

Foothill Ditch Company, 0.145% thereof;

Hamilton Ditch, 0.436% thereof;

Consolidated Peoples Ditch Co. & Elk Bayou
Ditch Company, 14.768% thereof;

Farmers Ditch Company, 6.654% thereof;

Tulare Irrigation District, 10.833% thereof;

Tulare Irrigation Company, 6.877% thereof;

Visalia and Kaweah Water Company, 22.055% thereof;

Which includes the shares of:

Fleming Ditch Company, 2.931% thereof;

Oakes Ditch Company, 2.713% thereof;

Evans Ditch Company, 5.020% thereof;

Watson Ditch Company, 5.460% thereof;

Persian Ditch Company, 5.931% thereof;

Longs Canal, 0 % thereof;

Sentinel Butte Mutual Water Company, 0 % thereof;

Sweeney Ditch, 0 % thereof;

Mathews Ditch Company, 3.560% thereof;

Jennings Ditch Company, 4.495% thereof;

Uphill Ditch Company, 3.823% thereof;

Modoc Ditch Company, 5.857% thereof;

St. Johns Ditch Company, 1.535% thereof;

Harrell J. Harrell, 2.267% thereof;

Robert E. Harrell, 1.134% thereof;

Elinor H. Black, 1.134% thereof;

Goshen Ditch Company, 1.004% thereof;

Lakeside Ditch Company, 9.773% thereof;

Corcoran Irrigation Company, 1.451% thereof;

Kaweah Delta Water Conservation District, 1.837% thereof;

PAYMENT OF EXPENSES IN EXCESS OF ESTIMATES

11. With the exceptions of the obligations incurred under paragraph twelve (12) it shall be the duty of the Association to pay or cause to be paid out of its funds,

all bills and demands against said Association with all reasonable promptness; and to more certainly accomplish such purpose it is expressly agreed that in case the initial estimate or any estimate made in the month of September, of any year as hereinbefore provided, shall not yield sufficient revenue to meet the obligations of said Association, said Board of Directors shall make from time to time and as often as needed for such purpose such further estimates and supplemental estimates as may be necessary to yield sufficient revenue to pay promptly the obligations of said Association, and the parties hereto shall be and become liable to said Treasurer and shall pay to him within the time and in the proportions hereinbefore provided, upon demand or requisition therefore, their respective shares of all such further or supplemental estimates.

PROTECTION OF RIGHTS BY LITIGATION

12. That it is expressly understood and agreed that one of the objects of the Association is to save, protect, preserve and defend the rights of the parties hereto in and to the waters of said Kaweah and St. Johns Rivers, to the maximum extent provided in the Schedules; and

That in case it shall become necessary to commence, prosecute or defend any action or proceeding to preserve or protect any such right, such action or proceeding may be brought, prosecuted or defended by said Association by and with the consent and in the names of the parties hereto which may be plaintiffs or defendants in such litigation,

with the concurrence of at least nine (9) members of the Board of Directors of said Association, which concurrence shall be expressed at a meeting at which the propriety of commencing, prosecuting or defending the action is considered, provided that no party hereto shall be or become liable for any of the costs or expenses of commencing, prosecuting or defending any such action unless such party shall approve of the commencement, prosecution or defense of the action, in writing; and

That in case all of the parties hereto approve of the commencement, prosecution or defense of any such action or proceeding, unless otherwise agreed in writing by such parties, the expenses thereof shall be paid by the parties hereto in the proportions and percentages hereinbefore in Paragraph 10 hereof set forth, and if provision shall not have been made by said Board of Directors for the payment of such expenses, estimates and supplemental estimates shall be made from time to time, and demands and requisitions based upon such estimates and supplemental estimates may likewise be made from time to time upon the parties hereto, in the manner hereinbefore provided, and each of the parties hereto shall thereupon be and become liable to said Treasurer and shall pay to him its proportion of the expenses of such litigation, the proportion to be paid by each being the percentage set forth in said Paragraph 10 of this Agreement; but

That in case the commencement, prosecution or defense of any such action or proceeding be approved by less than all of the parties hereto, then the expense of such litigation shall be borne by the parties hereto that approve of the litigation; and in such event the parties hereto approving of such litigation shall be liable for the total expense thereof, and unless otherwise agreed in writing by such parties, each shall pay that portion of such total expense expressed by a fraction of which the number of the per cent which it is to pay under Paragraph 10 hereof is the numerator and the total of the numbers of the percentages which all participating parties are to pay is the denominator; and

That the expenses of any such litigation shall include attorneys' fees, witness fees, engineers' compensation and court costs, and all sums of money paid to official reporters and to persons engaged in procuring evidence to support the contentions of the parties hereto in such litigation, as well as all incidental expenses which may arise in connection therewith; and

That the words, "action" and "proceeding" and "litigation" shall include all proceedings had or taken in or before any court or commission of the State or the United States, but shall not include any proceedings involving any conflict of interest between any of the parties hereto under the terms of this Agreement.

COLLECTION OF EXPENSES

13. That it is expressly understood and agreed that when the Association by and through its Board of Directors, Secretary or Treasurer shall have made upon any of the parties hereto a demand or requisition for any money, in accordance with the terms of this Agreement, and any such party shall have failed to pay the same within sixty (60) days from and after the date of such demand or requisition, then and in that event the sum of money so specified in said demand or requisition shall be due and payable to said Treasurer from the party hereto upon which such demand or requisition shall have been made, and said Treasurer shall have the right in his own name to sue for and collect the same from said party hereto so in default, together with all costs of suit and such reasonable attorneys' fees as said Treasurer may incur in such action. Interest on delinquent demands or requisitions shall be charged, at a rate to be set by the Board of Directors.

MEETINGS OF BOARD OF DIRECTORS

14. That the Board of Directors of the Association shall, by appropriate order or resolution, fix the time for holding the regular meetings of said Board of Directors, and such regular meetings shall be held at the office of the Kaweah Delta Water Conservation District at Visalia, California, or such other place or places as may be designated by Resolution by the Board of Directors, and such

regular meetings shall be held at the time designated in such order or Resolution, provided, however, that such regular meetings of said Board of Directors shall be held at least once in each calendar month; and .

That all special meetings of said Board of Directors shall be held at said offices of the Kaweah Delta Water Conservation District, or such other place or places as may be designated by Resolution by the Board of Directors, and the Chairman of the Board of Directors of said Association or the Secretary thereof, at the request of said Chairman or any three (3) members of said Board of Directors, may call special meetings of said Board of Directors; and notice of any such special meeting shall be valid if given by mailing the same to the address of each of the members of said Board of Directors at least five (5) days before the date fixed for such special meeting, or by personal notice to the members of said Board of Directors given at least two (2) days prior to the time of such meeting; and a waiver of notice in writing or presence at meeting shall dispense with the necessity for such notice; and said Board of Directors may change the time and place of holding regular meetings by appropriate order or resolution and may adopt reasonable rules and regulations not inconsistent with the provisions of this Agreement concerning the transaction of its business and the management of its affairs.

ADDITIONAL MEMBERS OF ASSOCIATION

15. That any individual, irrigation district, corporation or other organization having water rights in the Kaweah or St. Johns Rivers and diverting water therefrom, which is not an original party to this Agreement, may hereafter become a member of the Association and a party to this Agreement by and with the concurrence of all parties to this Agreement, but in no event shall such individual, irrigation district, corporation or other organization become a member of said Association until he or it shall have filed with the Secretary of said Association an Agreement properly executed by him or it and by all the parties to this Agreement, specifying the portion of the expense of said Association which he or it shall bear and the storage allotment, if any, acquired by him or it, and to the further effect that he or it shall be bound by each and all of the terms of this Agreement, to which said Agreement there will be attached a Schedule specifically showing the quantity of water which he or it may take or divert from the Kaweah or St. Johns Rivers, and the stages of said Rivers and the time at which the same may be taken.

REPORT ON AFFAIRS OF ASSOCIATION

16. That the Board of Directors of the Association shall in the month of December of each year following the execution of this Agreement make to the members of said Association, a general and financial report of the affairs

of said Association for the year ending September 30, of such year.

ADOPTION AND APPROVAL OF SCHEDULE

17. That the Schedules entitled, "Kaweah River Diversion Schedule" and "St. Johns River Diversion Schedule", copies of which said Schedules together with all markings and explanations endorsed thereon, are hereto annexed marked "Exhibit A" and "Exhibit B" respectively, and are hereby expressly made a part of this Agreement, and have been and are hereby adopted, ratified, confirmed and approved.

DIVISION AND ALLOCATION OF WATERS

OF KAWEAH AND ST. JOHNS RIVERS

18. That during the Term of this Agreement the parties hereto are and shall be entitled to divert the waters flowing in the Kaweah and St. Johns Rivers in accordance with the Schedules, and at the stages in the flow of said Rivers and in the quantities and at the time in said Schedules specified; that the rights of the parties hereto in and to the waters flowing in said Kaweah and St. Johns Rivers, and their rights to divert and use the same up to but not in excess of the maximum quantity thereof distributed and to be distributed under said Schedules, subject to Flood Control releases, are hereby fixed and determined for the Term of this Agreement; and that during the term of this Agreement, the parties hereto will accept

the waters of the Kaweah and St. Johns Rivers delivered to them in accordance with said Schedules in complete satisfaction of their diversionary rights in and to the waters of said Rivers as established by all Agreements entered into heretofore and all judgments pertaining to such diversionary rights.

MEASUREMENT OF WATERS FLOWING
IN KAWEAH AND ST. JOHNS RIVERS

19. That for the purpose of determining the quantity of waters naturally flowing in the Kaweah and St. Johns Rivers at the site of the Terminus Dam Project and making the diversion and allocation thereof specified in the Schedules, the gaugings, measurements and computations of the waters flowing into Terminus Reservoir made by the appropriate agency of the United States Government, on the basis of reservoir area and capacity curves, are hereby accepted by the parties hereto as determinative of the quantity of waters flowing in the Kaweah and St. Johns Rivers at the site of said Project; and

That if for any reason the gaugings, measurements and computations of the waters flowing into Terminus Reservoir made by either of said agencies shall hereafter be discontinued or if they shall not record the true flow of said Rivers at the site of said Project, as determined by the Watermaster and approved by the Board of Directors of the Association, then gauging stations may be established and

and be maintained by the parties hereto through the agency of the Association on said Rivers at or as near as practicable to the site of said Project, or at such locations as the parties hereto shall determine to be best suited to the purposes of this Agreement; and

That for the purpose of determining the mean daily natural inflow from creeks entering and feeding said Kaweah and St. Johns Rivers at points downstream from the site of said Project, other measuring devices shall be established and maintained on such tributary streams and at such additional locations as the Board of Directors of the Association shall determine; and

That the Association is hereby granted the authority to approve other methods of measurement of the waters flowing in the Kaweah and St. Johns Rivers at the site of said Project, as augmented by the inflow from creeks entering and feeding said Rivers at points downstream from the site of said Project, and so long as the Association deems such methods to accurately measure the available flows of said Rivers according to generally accepted engineering principles, the parties hereto agree to accept such methods of measurement for the purpose of applying said Schedules.

MEASUREMENT OF INDIVIDUAL DIVERSIONS

20. That individual diversions of the waters of the Kaweah and St. Johns Rivers by the parties hereto, and the measurement of all such diversions, shall be made under the direction of the Association; that each of the parties

hereto other than Kaweah Delta Water Conservation District shall establish and maintain at its own expense and at or near the head of its ditch or canal a suitable measuring station with chronographs and recording gauges to the end that the quantity of water diverted by it may be readily and accurately measured; and that each such measuring device shall be of a type and shall be located and installed in a manner based upon commonly accepted engineering principles and approved by the Board of Directors of the Association.

CONSTRUCTION AND MAINTENANCE

OF DIVERSION FACILITIES

21. That each of the parties hereto shall have the right, at its own expense, to construct at any point on said Rivers and to maintain in the channel or channels thereof any structures or appliances necessary to enable it to divert from said Rivers and to take into its ditch or canal the waters to which it is entitled as set forth in said Schedules, provided such structures or appliances do not prevent any of the remaining parties hereto from obtaining the waters of said Rivers to which said remaining parties are entitled under said Schedules; and each of the parties hereto may, should it so desire, divert the waters to which it is entitled under said Schedules at any point on said Rivers other than the point at which it is now diverting its said water from said Rivers, provided that in doing so the party so changing its point of diversion shall be subject

to the limitation as set forth in Paragraph 22 of this Agreement.

LIMITATIONS ON TRANSFERS OF
WATER AND WATER RIGHTS

22. That during the Term of this Agreement if any party hereto shall rent, lease, lend, hypothecate, convey, transfer or assign in any way, any interest in any water or water right to which said party at any time shall or may be entitled to under the Schedules, or under the terms of this Agreement, the Watermaster shall determine whether the same would result in any increase of river channel losses adversely affecting the delivery of water under said Schedules to any other party or parties.

That in the event the Watermaster shall determine that such contemplated transfer would result in any increase of river channel losses adversely affecting the delivery of water under said Schedules to any other party or parties, the Watermaster shall notify in writing the transferor and the affected parties, and shall require the transferor to make arrangements for and provide all water required to fully compensate for all such losses, unless the affected parties consent in writing to said transfer, or unless the Watermaster is ordered to do otherwise by a court of competent jurisdiction.

GENERAL CRITERIA FOR ADMINISTRATION OF SCHEDULE

23. That the parties hereto have agreed and do hereby

agree that the following criteria shall apply with respect to the administration of the Schedules, both under natural flow and storage conditions:

(a) The administration of said Schedules and the storage and release of waters of the Kaweah and St. Johns Rivers, other than the storage and release thereof by the United States Army, Corps of Engineers, for flood control purposes, shall be accomplished in a manner which will afford all parties to the Agreement their rights in and to the waters of said Rivers or reasonable equivalents thereof or substitutions therefor:

(b) Parties entitled to participate in any channel loss set forth in the Schedules shall be allocated their proportionate share of the loss on the basis of their headgate entitlement during the period for which such loss is determined for the purpose of determining such parties' share of river flow at Terminus Dam, and any such parties' share of such loss may be added to its storage entitlement to the extent the flow upon which such loss is based is placed in storage, unless such losses are required to meet unavoidable delivery of scheduled entitlements to parties who have no storage space allocation and whose entitlements can not otherwise be stored without incurring legal restrictions on use of water. No party shall be deprived of the right to store loss water by failure of any other party to cooperate as to time of delivery or by reason of the fact that any other party's

agree that the following criteria shall apply with respect to the administration of the Schedules, both under natural flow and storage conditions:

(a) The administration of said Schedules and the storage and release of waters of the Kaweah and St. Johns Rivers, other than the storage and release thereof by the United States Army, Corps of Engineers, for flood control purposes, shall be accomplished in a manner which will afford all parties to the Agreement their rights in and to the waters of said Rivers or reasonable equivalents thereof or substitutions therefor:

(b) Parties entitled to participate in any channel loss set forth in the Schedules shall be allocated their proportionate share of the loss on the basis of their headgate entitlement during the period for which such loss is determined for the purpose of determining such parties' share of river flow at Terminus Dam, and any such parties' share of such loss may be added to its storage entitlement to the extent the flow upon which such loss is based is placed in storage, unless such losses are required to meet unavoidable delivery of scheduled entitlements to parties who have no storage space allocation and whose entitlements can not otherwise be stored without incurring legal restrictions on use of water. No party shall be deprived of the right to store loss water by failure of any other party to cooperate as to time of delivery or by reason of the fact that any other party's

storage space is full.

(c) The water to be delivered to Harrell J. Harrell, Robert E. Harrell and Elinor H. Black, constitutes a substitute supply for the property described in Exhibit C attached hereto for such riparian and appropriative rights to divert the waters of the St. Johns River as said property may have. Each of the parties to this Agreement agrees that the delivery of said substitute supply pursuant to this Agreement shall in no way increase, diminish or destroy such riparian and appropriative rights as may be appurtenant to said property to divert waters of the St. Johns River in the absence of this Agreement. The said substitute supply may be used on all or any portion of the aforescribed parcels of real property, or such other property to which said water may be transferred, subject to the provisions of this Agreement. So long as this Agreement is performed in accordance with the terms hereof, Harrell J. Harrell, Robert E. Harrell and Elinor H. Black, agree to accept the quantities of water set forth in the Schedule attached hereto in satisfaction of such riparian and appropriative rights as the lands hereinbefore described may have.

(d) The parties hereto agree that during the term hereof that this Agreement constitutes covenants, both as to benefits and as to burdens, running with the land as to properties described in Exhibit C.

(e) The Association is hereby authorized to make reasonable rules and regulations for the administration of the Schedules, but such rules and regulation shall not be contrary to the provisions of this Agreement or the Schedules; and each of the parties hereto hereby agrees to accept and to follow such rules and regulations.

RIGHT TO STORE - CONDITIONS

24. That during the Term of this Agreement each of the parties hereto who shall have contracted for storage space in Terminus Reservoir is hereby irrevocably granted and henceforth shall have the right to divert into storage and to store in Terminus Reservoir any or all of the waters of the Kaweah and St. Johns Rivers to which such party is entitled in accordance with the Schedules, subject to the following conditions:

(a) That the amount of water stored by such party may exceed the capacity of such party's Storage Allotment;

(b) That said storage by such party shall not interfere with the right of any other party hereto to store its water to an equal percentage of its Storage Allotment;

(c) That the total amount of water stored by all of the parties hereto at any time shall not exceed the amount of water which can be stored in the Permitted Storage Space;

(d) During each November, the Watermaster shall determine the maximum amount of storage used by each party at any time during the year ending the last October 31. The

number of acre-feet by which the storage used by each party fails to equal its respective storage allotment shall be multiplied by the amount paid to the United States per acre foot of permitted storage during such year by Kaweah Delta Water Conservation District; this amount shall be prorated among and paid on demand by the parties exceeding their storage allotment in proportion to the amount by which their storage exceeds their respective storage allotments, provided that no party exceeding its storage allotment shall be charged or pay any amount in excess of the number of acre-feet of its storage in excess of it's storage allotment multiplied by the amount paid the United States per acre foot during such year by Kaweah Delta Water Conservation District. The amount so paid by such parties exceeding their storage allotment shall be paid to the parties not using their storage allotments in the proportion which the dollar amount for unused space computed in the manner above set forth of each such party bears to the total dollar amount for unused space computed in the manner above set forth. All such payments shall be made to and disbursed by the Association and all determinations under this Paragraph 24 (d) shall be made by the Watermaster and shall be binding and conclusive on all parties.

ALLOCATION OF TOTAL STORAGE SPACE

25. That some of the parties hereto presently do not desire to have the waters of the Kaweah and St. Johns Rivers, to which they are entitled under the Schedules, stored in

Terminus Reservoir except to the extent the same may be so stored by the United States Army, Corps of Engineers, for flood control purposes; that the remaining parties hereto that do desire to have the waters of the Kaweah and St. Johns Rivers to which they are entitled diverted into storage, stored, regulated and released from storage in Terminus Reservoir for irrigation purposes, are, for the purposes of identifying them, sometimes hereinafter referred to as the Storing Parties; and that, subject to the provisions of the Contract between Kaweah Delta Water Conservation District and United States for the use of storage in Terminus Reservoir, during the term of this Agreement and for the purpose of determining the Storage Allotment of each of said storing parties, the total storage space in Terminus Reservoir shall be, and the same is hereby allocated between those presently desiring storage in the percentages set forth after their respective names, as follows:

Name	Percentage of Storage Space
Hawkeye Ditch	<u>0.211267</u>
Hamilton Ditch	<u>0.211267</u>
Consolidated Peoples Ditch Co. and Elk Bayou Ditch Co.	<u>19.823943</u>
Farmers Ditch Company	<u>10.105633</u>
Tulare Irrigation District	<u>28.873239</u>
Tulare Irrigation Company	<u>5.387323</u>
Fleming Ditch Company	<u>0.422535</u>
Oakes Ditch Company	<u>0.281690</u>
Evans Ditch Company	<u>0.563380</u>
Watson Ditch Company	<u>0.563380</u>
Persian Ditch Company	<u>0.774647</u>
Longs Canal	<u>0.563380</u>
Sentinel Butte Mutual Water Co.	<u>0.176056</u>
Sweeney Ditch	<u>0.281690</u>
Mathews Ditch Company	<u>0.704225</u>
Jennings Ditch Company	<u>0.985915</u>
Uphill Ditch Company	<u>1.408450</u>
Modoc Ditch Company	<u>3.521126</u>
St. Johns Ditch Company	<u>0.492957</u>
Goshen Ditch Company	<u>0.704225</u>
Lakeside Ditch Company	<u>11.267605</u>
Corcoran Irrigation Company	<u>2.816901</u>
Kaweah Delta Water Conservation District	<u>9.859166</u>
Total	100%

ADDITIONAL OBLIGATIONS OF PARTIES

26. That this Agreement and the storing parties hereto shall be subject to the obligations and limitations imposed on the Kaweah Delta Water Conservation District, and those claiming under it, by that certain contract bearing Contract No. 14-06-200-1729A dated January 11, 1965, by and between the United States of America and said Kaweah Delta Water Conservation District, and those claiming under it, herein referred to as Storage and Operations Contract. The Allocation of space set forth in Paragraph 25 hereof, will be modified for new parties or non-storing parties in accordance with the provisions of said Storage and Operations Contract and the criteria set forth in Exhibit D hereto attached.

STORAGE OF WATER FOR IRRIGATION PURPOSES

27. That the Association will direct the diversion into storage, storage, regulation and release from storage for irrigation purposes of the waters of the Kaweah and St. Johns Rivers to which each storing party is entitled under the Schedules by the Kaweah Delta Water Conservation District, in accordance with the terms and provisions of this Agreement, at the times and in the quantities requested by such storing party; and the Kaweah Delta Water Conservation District shall and said District hereby agrees to honor such requests and to direct the District Engineer of the Sacramento District, United States Army, Corps of Engineers, acting for the United States, to comply with all such requests. Any party hereto shall be

entitled to all or any part of the share of the waters of the Kaweah and St. Johns Rivers to which it is entitled under the Schedules, without storage or diversion into storage, at the times and in the quantities requested by such party.

ALLOCATION AND CREDITING OF STORED WATER

28. That all water which is stored in Terminus Reservoir from the natural flow of the Kaweah and St. Johns Rivers for any purposes whatsoever shall be allocated and credited to the parties hereto entitled to the natural flow of the Kaweah and St. Johns Rivers in Accordance with the Schedules, at the time of such storage thereof.

DETERMINATION OF QUANTITY OF

STORED WATER AVAILABLE FOR RELEASE

29. That the quantity of water which, after diversion into storage as provided in this Agreement, and after taking into consideration any and all reservoir losses as established by a fair and equitable method based on commonly accepted engineering principles approved by the Board of Directors of Kaweah and St. Johns Rivers Association, is available for release to any party hereto at any particular time, shall be determined by deducting the total decreases of stored water then charged to such party from the total stored water then credited to such party, whether from storage for flood control purposes or from storage for other purposes.

RESERVOIR GAINS AND LOSSES--WATER AND SPACE

30. That each and all of the storing parties shall bear in direct proportion to the respective quantities of water stored by them in Terminus Reservoir, and as computed on a daily basis, any and all gains and losses of water while stored in said Reservoir (including losses caused by evaporation); and shall bear in direct proportion to their respective percentage share of the total water stored in Terminus Reservoir any gain, diminution, reduction or loss of such total water stored which may hereafter result from any cause whatsoever;

Each and all of said storing parties shall be entitled to a reasonable opportunity to share, in the same proportion, any additional water storage space or facilities which may now be or hereafter become available to them or any of them, on or in connection with the Kaweah and St. Johns Rivers at or above the site of the Terminus Dam Project, upon the condition that each of such storing parties pays its share of the cost of any such additional water storage space or facilities; and shall bear in direct proportion to their respective percentage share of the total storage space in Terminus Reservoir any diminution, reduction or loss of such total storage space which may hereafter result from any cause whatsoever.

DISTRIBUTION AND CHARGING OF FLOOD RELEASES

31. That the distribution and charging of any water released from Terminus Reservoir by the United States Army, Corps of Engineers, for flood control purposes, shall conform with the provisions of Paragraph 24 (b) hereof, and all water so released shall be distributed and charged in such a way that the stored water of the storing party or storing parties then

having the highest percentage of its or their Storage Allotment filled shall be considered as having been released and the quantity thereof reduced first, to the extent, but only as required to obtain conformance with provisions of said Paragraph 24 (b) hereof, which process shall be repeated as many times as necessary.

PRIORITY IN RIGHT TO DIVERT FLOOD RELEASES

32. That any storing party which is charged for Flood Releases shall have the first right to divert from the Kaweah and St. Johns Rivers the amount of its water so released, provided, however, that if said storing party does not at the time of notice of such release elect to so divert its said water, such water shall be considered as having been refused by such party and shall be divided and allocated in accordance with the provisions of the following Paragraph 33 hereof.

DISPOSITION OF REFUSED WATER

33. That any water of the Kaweah and St. Johns Rivers to which any party to this Agreement is entitled in accordance with said Schedules, which has been refused by the party entitled thereto, whether such water has been previously stored or not, shall be added to the mean daily natural flow of the Kaweah and St. Johns Rivers, computed and determined as herein provided, and when so added to such flow shall determine the amount of water to be divided among all other parties to this Agreement in accordance with said Schedules; and such water may either be directly diverted or stored

(Provided such refused water is physically susceptible of storage and such refusal is made before such refused water passes through the reservoir) in accordance with this Agreement by such other parties entitled thereto in accordance with said Schedules, except that no stored water so released for flood control purposes or any increase in scheduled entitlements caused thereby, shall be stored in Terminus Reservoir.

ADMINISTRATION OF UNSTORABLE WATERS

ORIGINATING BELOW TERMINUS DAM PROJECT

34-A. That the mean daily natural inflows from creeks entering and feeding the Kaweah and St. Johns Rivers at points downstream from Terminus Dam Project and above the confluence of Cottonwood Creek and Cross Creek, which are not physically susceptible of storage in Terminus Reservoir, shall be considered for operational purposes in the same manner as any other portions of the Natural Flow of Kaweah and St. Johns Rivers originating upstream from said Project, and shall be prorated among the parties hereto for diversion from said Rivers to their respective headgates and not into storage, in proportion to their respective daily entitlements as determined in accordance with said Schedules; provided, however:

1. That all such mean daily natural inflows shall be used first to fill and satisfy the then daily entitlements of the parties hereto other than storing parties; and

2. That all such mean daily natural inflows shall be used next to fill all requested releases from storage for

irrigation purposes; and

3. That all such mean daily natural inflows shall be used next to fill and satisfy the then daily entitlements of the storing parties, in the proportion to which the mean natural daily inflows bears to the flow of the river including storable and unstorable water.

34-B. Cottonwood Creek flow shall be measured and recorded as near the confluence with the St. Johns River as practicable. Such measured flow shall be diminished by its proportionate share of channel loss to headgates downstream of U. S. Highway 99 as determined by the Watermaster and considered as a portion of such parties' daily schedule entitlement. The St. Johns River water otherwise scheduled to parties downstream of the confluence of Cottonwood Creek shall be added to the top of the Schedule.

COOPERATION TO REDUCE RIVER CHANNEL LOSSES

35. That each and all of the storing parties shall cooperate fully in sound and appropriate plans and procedures to coordinate ordered releases of water from storage in Terminus Reservoir so as to minimize river channel losses thereof and to obtain the maximum beneficial use thereof, subject to the provisions of Paragraph 24 (b) of this Agreement; and each and all of the parties hereto shall cooperate fully in sound and appropriate plans and procedures to improve the channels of the Kaweah and St. Johns Rivers so as to further reduce river channel losses of all waters flowing therein as promptly

as practicable; provided, however, that no party hereto shall be or become liable for any part of the costs of any such channel improvements unless such party shall approve the same and consent to the payment thereof in writing.

IMPORTED WATER TO BEAR ITS
OWN RIVER CHANNEL LOSSES

36. That any imported water acquired by the parties hereto from sources outside the Kaweah and St. Johns Rivers shall bear all measurable river channel losses thereof resulting from the transporting of such water in the channels of the Kaweah and St. Johns Rivers to the point of diversion of such water from said Rivers by the party or parties hereto entitled to such water.

RECORDS TO BE KEPT BY ASSOCIATION

37. That it shall be the duty of the Association and the Watermaster to keep at the offices of said Association, currently and daily, and in clear and complete manner, an accurate record of all flows of the Kaweah and St. Johns Rivers, and all diversions therefrom, including all diversions of the waters of said Kaweah and St. Johns Rivers into storage and all releases thereof from storage, to the extent that it shall be practicable to do so; and it shall also be the duty of said Association and said Watermaster to keep, as far as practicable, accurate records of all waters diverted from said Kaweah and St. Johns Rivers by persons, districts, and corporations not parties hereto, and to make accurate reports of all such matters

to the Board of Directors of said Association; and it shall also be the duty of said Association and said Watermaster to permit any party hereto to inspect and copy any such data and records at any time during business hours.

SUCCESSORS AND ASSIGNS

38. That this Agreement shall be binding upon and shall inure to the benefit of the parties hereto, and their successors, assigns, heirs and representatives, as the case may be for the full term of this Agreement, as the same is defined in Paragraph 1 (a) hereof.

EXECUTION IN COUNTERPARTS

39. That this Agreement may be executed in parts or counterparts, each part or counterpart being an exact duplicate of all other parts or counterparts, and that all parts or counterparts shall be considered as constituting one complete original, and that all of said parts or counterparts so executed may be attached together and thereupon recorded in the office of the County Recorder of the Counties of Tulare and Kings, in the State of California.

EFFECTIVE DATE

40. That this Agreement shall be binding and effective as of March 1, 1974, upon all of the parties hereto which shall execute and deliver the same to the Secretary of the Kaweah Delta Water Conservation District on or before March 2, 1976, and shall be deemed to have been so delivered on March 1, 1974, by each party so executing and delivering the same, provided, and only in the event, parties hereto owning at least seventy-five per cent (75%) of the total average

annual water entitlements in and to the waters of the Kaweah and St. Johns Rivers, determined on the basis of the Schedules and all available historical data, have executed and delivered this Agreement as hereinbefore specified.

IN WITNESS WHEREOF, the parties hereto have caused their names and corporate seals to be hereunto affixed by their proper and respective officers thereunto duly authorized, or have hereunto set their hands, as of the 1st day of March, 1974.

CONSOLIDATED PEOPLES DITCH, a
corporation,

By Dale F. Hester
President

By Richard Neal
Secretary

FARMERS DITCH COMPANY, a corporation

By Reynold M. Benson
President

By Dennis Coffitt
Secretary

ELK BAYOU DITCH COMPANY, a corporation,

By George D. Watts
President

By Jack Bono
Secretary

TULARE IRRIGATION DISTRICT, a political
subdivision

By J. G. Fournier
President

By David L. Zach
Secretary

TULARE IRRIGATION COMPANY, a
corporation,

By Elmer Rutter
President

By Harold Garner
Secretary

FLEMING DITCH COMPANY, a corporation,

By Clyde C. Mark
President

By W. D. Williamson
Secretary

OAKES DITCH COMPANY, a corporation,

By Frank R. Souza Jr.
President

By W. Schroyer
Secretary

EVANS DITCH COMPANY, a corporation,

By W. N. Sullivan
President

By W. Schroyer
Secretary

WATSON DITCH COMPANY, a corporation,

By JOE R. Souza Jr. President

By R. A. Schaeffer Secretary

PERSIAN DITCH COMPANY, a corporation

By Alvin F. Louie President

By R. A. Schaeffer Secretary

VISALIA AND KAWEAH WATER COMPANY, a corporation,

By W. A. Williamson President

By R. A. Schaeffer Secretary

LONGS CANAL

By Stanley Dickover, Jr. (8/13)

By R. S. Curtis R.S. Curtis (4/13)

By Guy M. Nicholson (1/13)

SENTINEL BUTTE MUTUAL WATER COMPANY,
a corporation,

By Frank E. Cooper
Vice - President

By Ivan Maczek
Secretary

SWEENEY DITCH

By Dale F. Dester

By Richard Wash

By Ralph W. McIntire

By _____

MATHEWS DITCH COMPANY, a corporation,

By Mortimer M. Kibler
President

By F. L. Potter
Secretary

JENNINGS DITCH COMPANY, a corporation

By Russell M. Dea
President

By J. M. Phillips
Secretary

UPHILL DITCH COMPANY, a corporation,

By Isabel J. Steiner
President

By F. L. Potter
Secretary

MODOC DITCH COMPANY, a corporation,

By Clarence J. Kitchin
President

By J. M. Phillips
Secretary

ST. JOHNS DITCH COMPANY, a corporation,

By Albert Veldhousen
President

By J. M. Phillips
Secretary

GOSHEN DITCH COMPANY, a corporation,

By Russell M. De
President

By Louis J. Grenan
Secretary

HARRELL J. HARRELL,

By Harrell J. Harrell

ROBERT E. HARRELL,

By Robert E Harrell

ELINOR H. BLACK,

By Elinor H. Black
Robert E Harrell

Witness to Signature of Elinor H. Black

LAKESIDE DITCH COMPANY, a corporation

By Earl H. Howe
President

By Heraldine Lambert
Secretary

CORCORAN IRRIGATION COMPANY,
a corporation

By *W. H. Turner*
President

By *James J. McLean*
Secretary

KAWEAH DELTA WATER CONSERVATION
DISTRICT, a political subdivision

By *Gordon Greening*
President

By *Leon J. Chrisman*
Secretary

NOTE: Exhibits "A" and "B" are in
an envelope at the end of the report.

EXHIBIT "C"

LEGAL DESCRIPTION OF HARRELL J. HARRELL PROPERTY

All that certain real property, being those portions of Sections 25, 26, 34, 35 and 36, Township 17 South, Range 23 East, M.D.B. & M., designated as Parcel No. 1, and those portions of Sections 19, 20, 21, 27, 28, 29, 30, 32, 33, 34 and 35, Township 17 South, Range 24 East, and those portions of Sections 2 and 3, Township 18 South, Range 24 East, M.D.B. & M., designated as Parcel No. 5, as such parcels are delineated and set forth in that certain Record of Survey recorded October 21, 1959 in Book 9, page 48 of Licensed Surveys in the Office of the County Recorder of said County of Tulare.

LEGAL DESCRIPTION OF ROBERT E. HARRELL PROPERTY

All that certain real property, being those portions of Sections 19, 20, 29 and 30, Township 17 South, Range 23 East, M.D.B. & M., designated as Parcel No. 3, and those portions of Sections 26, 27, 34 and 35, Township 17 South, Range 24 East, M.D.B. & M., and Sections 2 and 3, Township 18 South, Range 24 East, M.D.B. & M., designated as Parcel No. 9, as such parcels are delineated and set forth in that certain Record of Survey recorded October 21, 1959, in Book 9, page 48 of Licensed Surveys in the Office of the County Recorder of said County of Tulare.

LEGAL DESCRIPTION OF ELINOR H. BLACK PROPERTY

All that certain real property, being those portions of Sections 25, 35 and 36, Township 17 South, Range 23 East, M.D.B. & M., designated as Parcel No. 2, those portions of Sections 20, 29 and 30, Township 17 South, Range 24 East, M.D.B. & M., designated as Parcel No. 4, those portions of Sections 29, 30, 31 32 and 33, Township 17 South, Range 24 East, M.D.B. & M., designated as Parcel No. 6, those portions of Sections 33 and 34, Township 17 South, Range 24 East, M.D.B. & M., designated as Parcel No. 7, and those portions of Sections 4 and 5, Township 18 South, Range 24 East, M.D.B. & M., designated as Parcel No. 8, as such parcels are delineated and set forth in that certain Record of Survey recorded October 21, 1959 in Book 9, page 48 of Licensed Surveys in the Office of the County Recorder of said County of Tulare.

EXHIBIT "D"

STORAGE SPACE ALLOCATION CRITERIA

1. Historic Diversion Consideration

The average annual April thru June headgate diversion for the period of 1924 thru 1961 will be prorated to the unallocated storage space not assigned for special conditions and weighted fifty percent.

2. Variability of Flow Consideration

For an equitable distribution of space to all units, low flow and high flow rights, the fifth largest April thru June diversion (1924-1961) will be prorated to the unallocated storage space not assigned for special conditions and weighted fifty percent.

3. Special Considerations

- a. A consideration of 11,000 a.f. of storage space will be allocated to Tulare Irrigation District for Central Valley Project Friant-Kern Canal Water.
 - b. A consideration of 1500 a.f. of storage space will be allocated to Corcoran Irrigation Co. to permit an adequate economic irrigation run.
 - c. A consideration of 14,000 a.f. of space will be allocated to Kaweah Delta Water Conservation District for water rights, operations pool and channel loss storage.
 - d. A consideration of 1,000 a.f. of space will be allocated to Goshen Ditch Co.
 - e. A consideration of 5,000 a.f. of space will be allocated to Modoc Ditch Co.
4. The storage space will be adjusted by allocating the requested space to those units with a computed space greater than their requested space, prorating the balance to those units with a computed space less than their requested space.
5. The distribution of temporary surcharge storage space will be made, sixty percent (60%) to Tulare Irrigation District, thirty percent (30%) to Lakeside, ten percent (10%) to Corcoran, subject to the willingness of said entities, to pay the cost of the necessary temporary structures to accomplish surcharge. It is understood that in the event a permanent structure or structures are built to contain water in this surcharge storage space, then and in that event, the entire storage space allocation will be renegotiated and redrawn.

6. Each parties requested storage space is listed as follows:

Hawkeye.....	300
*Wutchumna.....	15,000
Hamilton	300
Peoples & Elk Bayou.....	30,000
Farmers	15,000
Tulare Irrigation District.....	50,000
Tulare Irrigation Company.....	8,000
Fleming.....	600
Oakes.....	400
Evans.....	800
Watson.....	800
Persian.....	1,100
Longs Canal.....	800
Sweeney.....	400
Mathews.....	1,000
Jennings.....	1,400
Uphill.....	2,000
Modoc.....	4,000
St. Johns.....	700
*Harrell J. Harrell.....	5,000
*Robert E. Harrell.....	2,500
*Elinor H. Black.....	2,500
Goshen.....	2,000
Lakeside.....	19,500
Corcoran.....	8,000
Sentinel Butte.....	250
Kaweah Delta Water Conservation Dist...	<u>15,000</u>
TOTAL.....	187,350

*If storage can be accomplished without incurring
Legal restrictions on use of water.

COLLATE:

12 PIECES

KAWASH RIVER DIVERSION SCHEDULE (EXHIBIT A)

For November through February

Tulare	Tulare	Hayes	Lesson	Foothill	Wutchumna	St. Johns	Lower Kawash	Hamilton	Loss	Peoples	Loss	Deep	Crocker	Loss	Tulare	Loss	Fleming	Loss	Packwood	Onakee	Loss	Evans	Watson	Persian	Kawash Delta
County			Cove			Below	Below					Creek	Int		Irrigation				Creek						Water
						McKay	McKay								Company										Conservation
						Point	Point																		District
50	0.5	3	8	9.3	8	10	11	5	6	10	1														
60	0.5	3	8	9.3	8	15	16	5	10	10	2														
70	0.5	3	8	9.3	8	20	21	5	10	4															
80	0.5	3	8	9.3	8	25	26	5	10	7	4														
90	0.5	3	8	9.3	8	29	30	5	10	9	6														
100	0.5	3	8	9.3	12	33	34	5	10	11	8														
120	0.5	3	8	9.3	13	42	42	5	10	16	10														
140	0.5	3	8	9.3	18	50	51	5	10	22	10														
160	0.5	3	8	9.3	21	59	59	5	10	26	10														
180	0.5	3	8	9.3	24	67	68	5	10	32	10														
200	0.5	3	8	9.3	27	76	76	6	10	36	10														
220	0.5	3	8	9.3	30	84	85	7	10	41	10														
240	0.5	3	8	9.3	33	93	93	7	10	44	10														
260	0.5	3	8	9.3	36	101	102	7	10	51	10														
280	0.5	3	8	9.3	39	110	110	7	10	56	10														
300	0.5	3	8	9.3	42	118	119	8	10	61	10														
320	0.5	3	8	9.3	45	127	127	8	10	65	10														
340	0.5	3	8	9.3	48	135	136	8	10	70	10														
360	0.5	3	8	9.3	51	144	144	8	10	76	10														
380	0.5	3	8	9.3	54	152	153	8	10	81	10														
400	0.5	3	8	9.3	57	161	161	8	10	86	10														
420	0.5	3	8	9.3	60	169	170	8	10	91	10														
440	0.5	3	8	9.3	63	178	178	8	10	96	10														
460	0.5	3	8	9.3	66	186	187	8	10	101	10														
480	0.5	3	8	9.3	69	195	195	8	10	106	10														
500	0.5	3	8	9.3	72	203	204	8	10	112	10														
520	0.5	3	8	9.3	75	212	212	9	10	116	10														
540	0.5	3	8	9.3	78	221	221	9	10	121	10														
560	0.5	3	8	9.3	81	230	230	10	10	125	10														
580	0.5	3	8	9.3	84	238	239	10	10	129	10														
600	0.5	3	8	9.3	87	246	247	10	10	134	10														
620	0.5	3	8	9.3	90	255	255	10	10	139	10														
640	0.5	3	8	9.3	93	264	264	10	10	143	10														
660	0.5	3	8	9.3	96	273	273	10	10	148	10														
680	0.5	3	8	9.3	99	282	282	10	10	152	10														
700	0.5	3	8	9.3	102	291	291	10	10	157	10														
720	0.5	3	8	9.3	105	300	300	10	10	161	10														
740	0.5	3	8	9.3	108	309	309	10	10	166	10														
760	0.5	3	8	9.3	111	318	318	10	10	170	10														
780	0.5	3	8	9.3	114	327	327	10	10	174	10														
800	0.5	3	8	9.3	117	336	336	10	10	178	10														
820	0.5	3	8	9.3	120	345	345	10	10	181	10														
840	0.5	3	8	9.3	123	354	354	10	10	185	10														
860	0.5	3	8	9.3	126	363	363	10	10	188	10														
880	0.5	3	8	9.3	129	372	372	10	10	192	10														
900	0.5	3	8	9.3	132	381	381	10	10	196	10														
920	0.5	3	8	9.3	135	390	390	10	10	200	10														
940	0.5	3	8	9.3	138	399	399	10	10	203	10														
960	0.5	3	8	9.3	141	408	408	10	10	207	10														
980	0.5	3	8	9.3	144	417	417	10	10	211	10														
1000	0.5	3	8	9.3	147	426	426	10	10	214	10														
1050	0.5	3	8	9.3	156	454	454	10	10	224	10														
1100	0.5	3	8	9.3	165	477	477	10	10	233	10														
1150	0.5	3	8	9.3	174	501	501	10	10	242	10														
1200	0.5	3	8	9.3	183	524	524	10	10	252	10														
1250	0.5	3	8	9.3	192	547	547	10	10	261	10														
1300	0.5	3	8	9.3	201	570	570	10	10	270	10														
1350	0.5	3	8	9.3	210	593	593	10	10	279	10														
1400	0.5	3	8	9.3	219	616	616	10	10	288	10														
1450	0.5	3	8	9.3	228	639	639	10	10	297	10														
1500	0.5	3	8	9.3	237	662	662	10	10	306	10														
1600	0.5	3	8	10	234	667	667	10	10	308	10														
1700	0.5	3	8	11	234	691	732	10	10	300	10														
1800	0.5	3	8	11	244	736	797	10	10	300	10														
1900	0.5	3	8	11	254	781	842	10	10	300	10														
2000	0.5	3	8	11	264	826	887	10	10	300	10														
2100	0.5	3	8	12	274	871	931	10	10	300	10														
2200	0.5	3	8	12	284	916	976	10	10	300	10														
2300	0.5	3	8	13	294	960	1021	10	10	300	10														
2400	0.5	3	8	13	304	1007	1067	10	10	300	10														
2500	0.5	3	8	14	300	1057	1117	10	10	348	10														
2600	0.5	3	8	14	300	1107	1167	10	10	396	10														
2700	0.5	3	8	14	300	1157	1217	10	10	446	10														
2800	0.5	3	8	15	300	1206	1267	10	10	486	10														
2900	0.5	3	8	15	300	1256	1317	10	10	486	10														
3000	0.5	3	8	16	300	1306	1366	10	10	486	10														
3100	0.5	3	8	16	300	1356	1416	10	10	486	10														
3200	0.5	3	8	17	300	1405	1466	10	10	501	10														
3300	0.5	3	8	17	300	1455	1516	10	10	505	10														

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NOTES: 1. When the natural flow of the Kaweah River amounts to 50 cubic feet of water per second or less, the entitlements of Wutchumna and Hamilton in and to such flow shall be determined in accordance with the Judgment in action numbered 27074 in the Superior Court in Tulare County rather than in accordance with the above schedule.

2. Flows are divided equally between the Kaweah and St. Johns branches, with the exception that once the flow has exceeded to 80 second-feet in the late summer months, the entire flow, regardless of amount, is diverted into the Kaweah branch until the first time it exceeds 80 second-feet after October 1.

3. Units participating in any loss set forth in the schedule shall be allocated their proportionate share of the loss on the basis of their headgate entitlement during the period for which such loss is determined for the purpose of determining such units share of river flow at Terminus Dam, and any such parties share of such loss shall be added to its storage entitlement to the extent the flow upon which such loss is based is placed in storage.

4. Tulare Irrigation District entitled to all flows in Deep Creek in excess of 240 CFS.

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NOTES: 1. When the natural flow of the Kaweah River amounts to 30 cubic feet of water per second or less, the settlements of Wutchams and Hamilton in and to such flow shall be determined in accordance with the Judgment in action numbered 27074 in the Superior Court in Tulare County rather than in accordance with the above schedule.

2. Flows are divided equally between the Kaweah and St. Johns branches, with the exception that once the flow has receded to 80 second-feet in the late summer months, the entire flow, regardless of amount, is diverted into the Kaweah branch until the first time it exceeds 80 second-feet after October 1.

3. Units participating in any loss set forth in the schedule shall be allocated their proportionate share of the loss on the basis of their headgate entitlement during the period for which such loss is determined for the purpose of determining such unit's share of river flow at Tarninau Dam, and any such parties share of such loss shall be added to its storage entitlement to the extent the flow upon which such loss is based is placed in storage.

4. Tulare Irrigation District entitled to all flows in Deep Creek in excess of 240 CFS.

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ST. JOHNS RIVER DIVERSION SCHEDULE (EXHIBIT A)
For September through November

Terminals	St. Johns Below McKay Point	Longe Canal	Sentinel Butte & Swanney	Loss	Ketchum	Packwood Canal	Tulare Irrigation District	Fisher Ranch	Loss	Mathews	Loss	Jennings	Loss	Phill	Holmes	Loss	St. Johns Ditch	Loss	Washen	Marrell J. Marrell	Robert E. Marrell	Elmer H. Black	Loss	Basile Ranch	Lakeside	Loss	Corcoran Canal Company	Kaweah Delta Water Conservation District
69	20			3	10			7																				
115	40	2			18			7	10																			
162	60				27			7	16																			
209	80	4			34			7	24																			
256	100	4			42			7	32																			
303	120	4			50			7	40																			
350	140	4			58			7	48																			
397	160	4			66			7	56																			
404	180	4			74			7	64																			
482	200	4			82			7	72																			
571	220	4			90			7	80																			
715	240	4			98			7	88																			
760	260	4			106			7	96																			
803	280	4			114			7	104																			
847	300	4			122			7	112																			
890	320	4			130			7	120																			
933	340	4			138			7	128																			
976	360	4			146			7	136																			
1019	380	4			154			7	144																			
1063	400	4			162			7	152																			
1106	420	4			170			7	160																			
1149	440	4			178			7	168																			
1193	460	4			186			7	176																			
1237	480	4			194			7	184																			
1280	500	4			202			7	192																			
1322	520	4			210			7	200																			
1366	540	4			218			7	208																			
1409	560	4			226			7	216																			
1452	580	4			234			7	224																			
1495	600	4			242			7	232																			
1539	620	4			250			7	240																			
1583	640	4			258			7	248																			
1629	660	4			266			7	256																			
1673	680	4			274			7	264																			
1718	700	4			282			7	272																			
1763	720	4			290			7	280																			
1807	740	4			298			7	288																			
1852	760	4			306			7	296																			
1896	780	4			314			7	304																			
1941	800	4			322			7	312																			
1985	820	4			330			7	320																			
2030	840	4			338			7	328																			
2074	860	4			346			7	336																			
2120	880	4			354			7	344																			
2164	900	4			362			7	352																			
2208	920	4			370			7	360																			
2253	940	4			378			7	368																			
2297	960	4			386			7	376																			
2343	980	4			394			7	384																			
2385	1000	4			402			7	392																			
2425	1020	4			410			7	400																			
2465	1040	4			418			7	408																			
2503	1060	4			426			7	416																			
2546	1080	4			434			7	424																			
2586	1100	4			442			7	432																			
2628	1120	4			450			7	440																			
2666	1140	4			458			7	448																			
2706	1160	4			466			7	456																			
2746	1180	4			474			7	464																			
2786	1200	4			482			7	472																			
2827	1220	4			490			7	480																			
2867	1240	4			498			7	488																			
2907	1260	4			506			7	496																			
2947	1280	4			514			7	504																			
2987	1300	4			522			7	512																			
3028	1320	4			530			7	520																			
3068	1340	4			538			7	528																			
3108	1360	4			546			7	536																			
3148	1380	4			554			7	544																			
3188	1400	4			562			7	552																			
3229	1420	4			570			7	560																			
3269	1440	4			578			7	568																			
3309	1460	4			586			7	576																			
3349	1480	4			594			7	584																			
3389	1500	4			602			7	592																			
3429	1520	4			610			7	600																			
3469	1540	4			618			7	608																			
3510	1560	4			626			7	616																			
3550	1580	4			634			7	624																			
3590	1600	4			642			7	632																			
3630	1620	4			650			7	640																			
3670	1640	4			658			7	648																			
3711	1660	4			666			7	656																			
3751	1680	4			674			7	664																			
3791	1700	4			682			7																				

ST. JOHNS RIVER DIVERSION SCHEDULE (EXHIBIT B)
FOR DECEMBER

Terminus	St. Johns Below McKay Point	Longe Canal	Sentinel Butte & Sweeney	Loose	Katchum	Packwood Canal	Tulare Irrigation District	Fisher Ranch	Loose	Mathews	Loose	Jennings	Loose	Uphill	Modoc	Loose	St. Johns Ditch	Loose	Goethe	Harrell J. Harrell	Robert E. Harrell	Elinor H. Black	Loose	Basile Ranch	Lakeville	Loose	Corcoran Canal Company	Kaweah Delta Water Conservation District	
69	20			3	10			7																					
115	40	2		3	18			7	10																				
162	60	4		3	27			7	16																				
209	80	4		3	38			7	16																				
256	100	4		3	42			7	16	1				1															
303	120	4		3	43			7	16	1	26		12			8													
350	140	4		3	44			7	16	3	26		12	2		10	6	9											
397	160	4		3	45			7	16	2	26		12	3		10	6	25		9.5	4.75	4.75							
446	180	4		3	46			7	16	2	26		12	3	1	10	6	25		9.5	4.75	4.75							
492	200	4		3	47			7	16	2	26		12	4	2	10	6	25		18.0	9.00	9.00							
671	220	4		3	44			7	16	2	26		12	5	2	10	6	25		22.5	11.25	11.25	13						
715	240	4	6	3	41			7	16	3	26		12	5	2	10	6	25		22.5	11.25	11.25	15	10			4		
760	260	4	6	3	38			7	16	3	26		12	6	2	10	6	25		22.5	11.25	11.25	15	10			26		
803	280	4	6	3	35			7	16	4	26		12	6	3	10	6	25		22.5	11.25	11.25	15	10			43		
847	300	4	6	3	32			7	16	4	26		12	7	3	10	6	25		22.5	11.25	11.25	15	10			55		
890	320	4	6	3	32		4	7	16	4	26		12	7	3	10	6	25		22.5	11.25	11.25	15	10			70		
933	340	4	6	3	34			7	16	4	26		12	8	3	10	6	25		22.5	11.25	11.25	15	10			80		
976	360	4	6	3	34		11	7	16	4	26		12	9	3	10	6	25		22.5	11.25	11.25	15	10			96		
1019	380	4	6	3	34		12	7	16	5	26		12	9	3	10	6	25		22.5	11.25	11.25	15	10			113		
1063	400	4	6	3	34		13	7	16	5	26	2	12	9	3	10	6	25		22.5	11.25	11.25	15	10			129		
1108	420	4	6	3	34		21	7	16	5	26	2	12	9	4	10	6	25		22.5	11.25	11.25	15	10			146		
1149	440	4	6	3	35		24	7	16	6	26	3	12	9	4	10	6	25		22.5	11.25	11.25	15	10			153	4	
1193	460	4	6	3	35		25	7	16	6	26	3	12	9	4	10	6	25		22.5	11.25	11.25	15	10			157	18	
1237	480	4	6	3	36		26	7	16	7	26	4	12	9	5	10	6	25		22.5	11.25	11.25	15	10			161	28	
1280	500	4	6	3	37		27	7	16	7	26	5	12	9	5	10	6	25		22.5	11.25	11.25	15	10			165	30	
1322	520	4	6	3	37		27	7	16	7	26	5	12	9	5	10	6	30		22.5	11.25	11.25	15	10			165	30	
1366	540	4	6	3	38		28	7	16	7	26	5	12	13	6	10	6	30		22.5	11.25	11.25	15	10			166	30	
1409	560	4	6	3	39		28	7	16	8	26	5	12	13	6	10	6	30		29.0	14.5	14.5	15	10			167	30	
1452	580	4	6	3	39		29	7	16	8	26	5	12	14	6	10	6	30		33.0	16.50	16.50	15	10			173	30	
1495	600	4	6	3	40		30	7	16	8	26	5	12	15	7	10	6	30		33.5	16.75	16.75	15	10			179	30	
1539	620	4	6	3	40		30	7	16	8	26	5	12	15	7	10	6	30		38.5	19.25	19.25	15	10			182	30	
1583	640	4	6	3	41		30	7	16	8	26	5	12	15	7	10	6	30		41.5	20.75	20.75	15	10			185	30	
1629	660	4	6	3	41		30	7	16	9	26	5	12	16	7	10	6	30		46.5	23.25	23.25	15	10			186	30	
1673	680	4	6	3	42		31	7	16	9	26	5	12	16	8	15	6	30		48.0	24.00	24.00	15	10			189	30	
1718	700	4	6	3	43		31	7	16	12	26	5	12	17	8	15	6	30		50.5	25.25	25.25	15	10			193	30	
1763	720	4	6	3	43		31	7	16	12	26	5	12	17	8	15	6	30		56.0	28.00	28.00	15	10			195	30	
1807	740	4	6	3	44		32	7	16	12	26	5	12	18	8	15	6	30		59.5	29.75	29.75	15	10			197	30	
1852	760	4	6	3	44		32	7	16	12	26	5	12	18	9	15	6	30		65.5	32.75	32.75	15	10			197	30	
1896	780	4	6	3	45		33	7	16	12	26	5	12	19	9	15	6	30		72.0	36.00	36.00	15	10			197	30	
1941	800	4	6	3	46		33	7	16	12	26	5	12	20	9	15	6	30		72.5	36.25	36.25	15	10			198	30	
1985	820	4	6	3	47		34	7	16	12	26	5	12	20	9	15	6	30		72.5	36.25	36.25	15	10			198	30	
2030	840	4	6	3	48		35	7	16	12	26	5	12	21	9	15	6	30		72.5	36.25	36.25	15	10			199	30	
2074	860	4	6	3	49		35	7	16	12	26	5	12	21	10	15	6	30		72.5	36.25	36.25	15	10			200	30	
2120	880	4	6	3	49		36	7	16	12	26	5	12	22	10	15	6	30		9	72.5	36.25	36.25	15	10			201	30
2164	900	4	6	3	49		37	7	16	12	26	5	12	22	10	15	6	30		11	72.5	36.25	36.25	15	10			202	30
2208	920	4	6	3	49		38	7	16	12	26	5	12	23	10	15	6	30		12	72.5	36.25	36.25	15	10			202	30
2253	940	4	6	3	49		39	7	16	12	26	5	12	23	10	15	6	30		16	72.5	36.25	36.25	15	10			202	30
2297	960	4	6	3	49		40	7	16	12	26	5	12	24	11	15	6	30		19	72.5	36.25	36.25	15	10			202	30
2343	980	4	6	3	49		41	7	16	12	26	5	12	24	11	15	6	30		21	72.5	36.25	36.25	15	10			203	30
2385	1000	4	6	3	49		42	7	16	12	26	5	12	25	11	15	6	30		24	72.5	36.25	36.25	15	10			203	30
2428	1020	4	6	3	49		43	7	16	12	26	5	12	26	12	15	6	30		27	72.5	36.25	36.25	15	10			203	30
2465	1040	4	6	3	49		44	7	16	12	26	5	12	26	12	15	6	30		29	72.5	36.25	36.25	15	10			204	30
2505	1060	4	6	3	49		45	7	16	12	26	5	12	26	12	15	6	30		34	72.5	36.25	36.25	15	10			204	30
2546	1080	4	6	3	49		46	7	16	12	26	5	12	26	13	15	6	30		39	72.5	36.25	36.25	15	10			205	30
2586	1100	4	6	3	49		47	7	16	12	26	5	12	26	13	15	6	30		43	72.5	36.25	36.25	15	10			205	30
2626	1120	4	6	3	49		48	7	16	12	26	5	12	26	13	15	6	30		47	72.5	36.25	36.25	15	10			205	30
2666	1140	4	6	3	49		49	7	16	12	26	5	12	26	13	15	6	30		52	72.5	36.25	36.25	15	10			206	30
2706	1160	4	6	3	49		49	7	16	12	26	5	12	26	13	15	6	30		54	72.5	36.25	36.25	15	10			206	30
2746	1180	4	6	3	49		50	7	16	12	26	5	12	26	14	15	6	30		54	72.5	36.25	36.25	15	10			207	30
2786	1200	4	6	3	49		51	7	16	12	26	5	12	26	14	15	6	30		54	72.5	36.25	36.25	15	10			207	30
2827	1220	4	6	3	49		52	7	16	12	26	5	12	26	14	15	6	30		54	72.5	36.25	36.25	15	10			207	30
2867	1240	4	6	3	49		53	7	16	12	26	5	12	26	14	15	6	30		54	72.5	36.25	36.25						

ST. JOHNS RIVER DIVERSION SCHEDULE (EXHIBIT B)
FOR JANUARY

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Terminus	St. Johns Below McKay Point	Longe Canal	Sentinel Butte & Sweeney	Loss	Ketchum	Packwood Canal	Tulare Irrigation District	Fisher Ranch	Loss	Mathews	Loss	Jennings	Loss	Ugill	Modoc	Loss	St. Johns Ditch	Loss	Goshen	Harrell J. Harrell	Robert E. Harrell	Elmer H. Black	Loss	Basile Ranch	Lakeside	Loss	Corcoran Canal Company	Kaweah Delta Water Conservation District	
69	20			3	10			7																					
115	40	3			21			7	6																				
142	60	5			32			7	13																				
209	80	7			43			7	16																				
256	100	7			54			7	16	1	4																		
303	120	8			54			7	16	1	26																		
350	140	4			54			7	16	2	26	1	12	2		10	3		16										
397	160	4			50			7	16	2	26	1	12	5	2	10	6		25										
446	180	3			46			7	16	2	26	1	12	6	2	10	6		25										
532	200	3			42			7	16	2	26	1	12	9	3	10	6		25	7.5	8.75	3.75							
671	220	2			38			7	16	3	26	1	12	11	4	10	6		25	17.5	8.75	6.75							
715	240	2	6		33			7	16	3	26	1	12	12	4	10	6		25	24.0	12.00	12.00	8						
760	260	2	6		29			7	16	6	26	1	12	12	6	10	6		25	24.0	12.00	12.00	15	10					
803	280	1	6		30			7	16	6	26	1	12	12	6	10	6		25	24.0	12.00	12.00	15	10					
867	300	1	6		30			7	16	6	26	1	12	12	7	10	6		25	24.0	12.00	12.00	15	10					
890	320	1	6		30			7	16	6	26	2	12	12	7	10	6		25	24.0	12.00	12.00	15	10					
933	340	1	6		31			7	16	7	26	3	12	14	8	10	6		25	24.0	12.00	12.00	15	10					
976	360	1	6		32			7	16	7	26	3	12	16	9	10	6		25	24.0	12.00	12.00	15	10					
1019	380	1	6		32			7	16	7	26	3	12	16	9	10	6		25	24.0	12.00	12.00	15	10					
1063	400	1	6		34			7	16	7	26	3	12	17	10	10	6		25	24.0	12.00	12.00	15	10					
1106	420	6			35	5	39	7	16	7	26	3	12	18	10	10	6		25	24.0	12.00	12.00	15	10					
1149	440	6			41	8	41	7	16	7	26	3	12	19	11	10	6		25	24.0	12.00	12.00	15	10					
1193	460	6			42			7	16	7	26	4	12	19	11	10	6		25	24.0	12.00	12.00	15	10					
1237	480	6			45	17	45	7	16	7	26	4	12	20	11	10	6		25	24.0	12.00	12.00	15	10					
1287	500	6			45	23	48	7	16	7	26	4	12	21	12	10	6		25	24.0	12.00	12.00	15	10					
1322	520	6			46	25	52	7	16	7	26	4	12	22	13	10	6		30	24.0	12.00	12.00	15	10					
1366	540	6			46	28	52	7	16	7	26	5	12	25	15	10	6		30	24.0	12.00	12.00	15	10					
1409	560	6			47	31	52	7	16	12	26	5	12	25	17	10	6		30	24.0	12.00	12.00	15	10					
1452	580	6			47	34	52	7	16	17	26	9	12	25	19	10	6		30	24.0	12.00	12.00	15	10					
1495	600	6			48	36	53	7	16	17	26	15	12	25	21	10	6		30	24.0	12.00	12.00	15	10					
1539	620	6			48	38	55	7	16	17	26	15	12	25	23	10	6		30	24.0	12.00	12.00	15	10					
1583	640	6			49	41	57	7	16	17	26	15	12	43	25	10	6		30	24.0	12.00	12.00	15	10					
1619	660	6			49	44	63	7	16	17	26	16	12	45	25	10	6		30	24.0	12.00	12.00	15	10					
1673	680	6			50	47	63	7	16	17	26	16	12	45	25	10	6		30	24.0	12.00	12.00	15	10					
1718	700	6			50	50	63	7	16	17	26	16	12	45	25	15	6		30	24.0	12.00	12.00	15	10					
1763	720	6			51	52	63	7	16	17	26	16	12	45	25	15	6		30	24.0	12.00	12.00	15	10					
1807	740	6			51	55	63	7	16	17	26	16	12	45	25	15	6		30	24.0	12.00	12.00	15	10					
1852	760	6			52	58	63	7	16	17	26	17	12	45	25	15	6		30	24.0	12.00	12.00	15	10					
1896	780	6			52	61	63	7	16	17	26	17	12	45	25	15	6		30	24.0	12.00	12.00	15	10					
1941	800	6			53	64	63	7	16	17	26	17	12	45	25	15	6		30	24.0	12.00	12.00	15	10					
1985	820	6			53	66	63	7	16	18	26	17	12	45	25	15	6		30	24.0	12.00	12.00	15	10					
2030	840	6			54	69	63	7	16	18	26	17	12	45	25	15	6		30	24.0	12.00	12.00	15	10					
2074	860	6			54	72	63	7	16	19	26	18	12	45	25	15	6		30	7	24.0	12.00	12.00	15	10				
2120	880	6			55	75	63	7	16	19	26	18	12	45	25	15	6		30	9	24.0	12.00	12.00	15	10				
2164	900	6			55	78	63	7	16	20	26	18	12	45	25	15	6		30	11	24.0	12.00	12.00	15	10				
2208	920	6			56	81	63	7	16	20	26	18	12	45	26	15	6		30	12	24.0	12.00	12.00	15	10				
2253	940	6			57	84	63	7	16	21	26	18	12	45	27	15	6		30	16	24.0	12.00	12.00	15	10				
2297	960	6			57	87	63	7	16	21	26	18	12	45	29	15	6		30	19	24.0	12.00	12.00	15	10				
2343	980	6			58	90	63	7	16	22	26	19	12	45	30	15	6		30	21	24.0	12.00	12.00	15	10				
2385	1000	6			58	93	63	7	16	22	26	19	12	45	31	15	10		30	24	24.0	12.00	12.00	15	10				
2425	1020	6			59	93	63	7	16	22	26	19	12	45	31	15	10		30	27	24.0	12.00	12.00	15	10				
2465	1040	6			59	93	63	7	16	22	26	19	12	45	31	15	10		30	29	24.0	12.00	12.00	15	10				
2505	1060	6			60	93	63	7	16	22	26	19	12	45	31	15	10		30	34	24.0	12.00	12.00	15	10				
2546	1080	6			60	93	63	7	16	22	26	19	12	45	31	15	10		30	39	24.0	12.00	12.00	15	10				
2586	1100	6			60	93	63	7	16	22	26	20	12	45	36	15	10		30	43	24.0	12.00	12.00	15	10				
2626	1120	6			60	93	63	7	16	22	26	20	12	45	40	15	10		30	47	24.0	12.00	12.00	15	10				
2666	1140	6			60	95	65	7	16	22	26	20	12	45	40	15	10		30	52	28.0	13.00	13.00	15	10				
2707	1160	6			60	95	65	7	16	22	26	20	12	45	40	15	10		30	54	33.0	16.5	16.5	15	10				
2746	1180	6			60	95	65	7	16	22	26	20	12	45	40	15	10		30	54	41.5	20.75	20.75	15	10				
2786	1200	6			60	95	65	7	16	22	26	20	12	45	40	15	10		30	54	49.5	24.75	24.75	15	10				
2827	1220	6			60	95	65	7	16	22	26	20	12	45	40	15	10		30	54	58.0	29.00	29.00	15	10				
2867	1240	6			60	95	65	7	16	22	26	20	12	45	40	15	10		30	54	66.5	33.25	33.25	15	10				
2907	1260	6			60	95	65	7	16	22	26	20	12	45	40	15	10		30	54	74.0	37.00	37.00	15	10				
2947	1280	6			60	95	65	7	16	22	26	20																	

ST. JOHNS RIVER DIVERSION SCHEDULE (EXHIBIT B)
FOR FEBRUARY

Termius	St. Johns Below McKay Point	Loaga Canal	Sentinal Butte & Sweeney	Loss	Katchum	Packwood Canal	Tulare Irrigation District	Fisher Ranch	Loss	Mathews	Loss	Jennings	Loss	Uphill	Modoc	Loss	St. Johns Ditch	Loss	Goshen	Harrell J. Harrell	Robert E. Harrell	Elinor H. Black	Loss	Basile Ranch	Lakeide	Loss	Corcoran Canal Company	Kaweah Delta Water Conservation District
69	20	3		3	14			7	7																			
113	40	3		3	20			7	7																			
162	60	3		3	32			7	15																			
209	80	4		3	44			7	16																			
236	100	4		3	53			7	16	3	6																	
303	120	4		3	55			7	16	4	26	1	4															
350	140	5		3	57			7	16	4	26	5	12	7	3	10	5											
397	160	5		3	53			7	16	7	26	5	12	13	9	10	6	7										
446	180	6		3	49			7	16	7	26	5	12	16	14	10	6	23										
492	200	6		3	43			7	16	7	26	7	12	18	20	10	6	25		6.0	7.00	3.00						
671	220	6	6	3	41			7	16	7	26	9	12	18	21	10	6	25		13.5	6.75	6.75						
713	240	6	6	3	37			7	16	7	26	10	12	19	22	10	6	25		24.0	12.00	12.00						
760	260	6	6	3	35			7	16	8	26	11	12	20	23	10	6	25		26.5	13.25	13.25	13					
803	280	6	6	3	35			7	16	8	26	11	12	21	24	10	6	25		26.5	13.25	13.25	15	10	6			
847	300	6	6	3	35			7	16	8	26	11	12	22	24	10	6	25		26.5	13.25	13.25	15	10	6			
890	320	5	6	3	35			7	16	8	26	11	12	22	24	10	6	25		26.5	13.25	13.25	15	10	26			
933	340	5	6	3	34		4	7	16	8	26	11	12	22	24	10	6	25		26.5	13.25	13.25	15	10	43			
976	360	4	6	3	34		7	7	16	8	26	11	12	23	24	10	6	25		26.5	13.25	13.25	15	10	60			
1019	380	4	6	3	35		8	7	16	8	26	11	12	23	24	10	6	25		26.5	13.25	13.25	15	10	78			
1062	400	4	6	3	36	2	10	7	16	8	26	11	12	24	24	10	6	25		26.5	13.25	13.25	15	10	92			
1106	420	4	6	3	39	6	13	7	16	8	26	11	12	24	24	10	6	25		26.5	13.25	13.25	15	10	102			
1149	440	3	6	3	42	9	16	7	16	8	26	11	12	24	24	10	6	25		26.5	13.25	13.25	15	10	114			
1193	460	3	6	3	45	9	16	7	16	8	26	11	12	24	24	10	6	25		26.5	13.25	13.25	15	10	126	2		
1237	480	2	6	3	47	12	24	7	16	8	26	11	12	25	24	10	6	25		26.5	13.25	13.25	15	10	154	4		
1280	500	2	6	3	50	14	26	7	16	8	26	11	12	25	24	10	6	25		26.5	13.25	13.25	15	10	162	9		
1322	520	1	6	3	52	14	27	7	16	8	26	11	12	25	24	10	6	30		26.5	13.25	13.25	15	10	145	19		
1366	540	1	6	3	57	14	27	7	16	8	26	11	12	25	24	10	6	30		26.5	13.25	13.25	15	10	146	30	3	
1409	560	1	6	3	57	15	32	7	16	8	26	11	12	25	24	10	6	30		26.5	13.25	13.25	15	10	148	30	15	
1452	580	1	6	3	57	22	37	7	16	8	26	11	12	25	24	10	6	30		26.5	13.25	13.25	15	10	149	30	22	
1495	600	1	6	3	57	23	45	7	16	8	26	11	12	25	24	10	6	30		26.5	13.25	13.25	15	10	150	30	32	
1539	620	1	6	3	56	27	50	7	16	8	26	12	12	25	24	10	6	30		26.5	13.25	13.25	15	10	158	30	35	
1583	640	1	6	3	54	27	60	7	16	8	26	12	12	25	24	10	6	30		26.5	13.25	13.25	15	10	167	30	38	
1619	660	1	6	3	53	29	67	7	16	8	26	12	12	25	24	10	6	30		26.5	13.25	13.25	15	10	177	30	40	
1673	680	1	6	3	51	35	76	7	16	8	26	12	12	25	24	10	6	30		26.5	13.25	13.25	15	10	179	30	45	
1718	700	1	6	3	50	39	77	7	16	8	26	12	12	25	24	10	6	30		26.5	13.25	13.25	15	10	183	30	52	
1763	720	1	6	3	49	45	77	7	16	8	26	12	12	25	24	10	6	30		26.5	13.25	13.25	15	10	192	30	58	
1807	740	1	6	3	48	49	77	7	16	8	26	12	12	25	24	10	6	30		26.5	13.25	13.25	15	10	205	30	62	
1852	760	1	6	3	46	52	77	7	16	8	26	12	12	25	24	10	6	30		26.5	13.25	13.25	15	10	216	30	70	
1896	780	1	6	3	45	54	77	7	16	8	26	12	12	25	24	10	6	30		26.5	13.25	13.25	15	10	233	30	72	
1941	800	1	6	3	44	56	78	7	16	8	26	12	12	25	24	10	6	30		26.5	13.25	13.25	15	10	250	30	73	
1985	820	1	6	3	43	57	78	7	16	8	26	12	12	25	24	10	6	30		26.5	13.25	13.25	15	10	268	30	75	
2030	840	1	6	3	41	59	78	7	16	8	26	12	12	25	24	10	6	30	5	26.5	13.25	13.25	15	10	280	30	78	
2074	860	1	6	3	40	61	78	7	16	8	26	12	12	25	24	10	6	30	7	26.5	13.25	13.25	15	10	295	30	80	
2120	880	1	6	3	39	63	76	7	16	8	26	12	12	25	24	10	6	30	9	26.5	13.25	13.25	15	10	310	30	82	
2164	900	1	6	3	38	66	78	7	16	8	26	12	12	25	24	10	6	30	11	26.5	13.25	13.25	15	10	325	30	83	
2208	920	1	6	3	37	67	78	7	16	8	26	12	12	25	24	10	6	30	12	26.5	13.25	13.25	15	10	343	30	84	
2253	940	1	6	3	35	69	78	7	16	8	26	12	12	25	24	10	6	30	16	26.5	13.25	13.25	15	10	357	30	86	
2297	960	1	6	3	34	71	78	7	16	8	26	12	12	25	24	10	6	30	19	26.5	13.25	13.25	15	10	361	30	98	
2343	980	1	6	3	33	72	78	7	16	8	26	12	12	25	26	15	6	30	21	26.5	13.25	13.25	15	10	369	30	106	
2385	1000	1	6	3	32	76	78	7	16	8	26	12	12	25	28	15	10	30	24	26.5	13.25	13.25	15	10	369	30	114	
2425	1020	1	6	3	30	77	78	7	16	8	26	12	12	25	40	15	10	30	27	26.5	13.25	13.25	15	10	369	30	120	
2465	1040	1	6	3	29	79	78	7	16	8	26	12	12	25	40	15	10	30	29	26.5	13.25	13.25	15	10	369	30	137	
2505	1060	1	6	3	31	81	78	7	16	8	26	12	12	25	40	15	10	30	34	26.5	13.25	13.25	15	10	369	30	148	
2546	1080		6	3	32	83	78	7	16	8	26	12	12	25	40	15	10	30	39	26.5	13.25	13.25	15	10	369	30	161	
2586	1100		6	3	33	85	78	7	16	8	26	12	12	25	40	15	10	30	43	26.5	13.25	13.25	15	10	369	30	174	
2626	1120		6	3	35	87	78	7	16	8	26	12	12	25	40	15	10	30	47	26.5	13.25	13.25	15	10	369	30	186	
2666	1140		6	3	36	89	78	7	16	8	26	12	12	25	40	15	10	30	52	26.5	13.25	13.25	15	10	369	30	198	
2706	1160		6	3	38	91	78	7	16	8	26	12	12	25	40	15	10	30	54	29.5	14.75	14.75	15	10	370	30	205	
2746	1180		6	3	40	92	78	7	16	8	26	12	12	25	41	15	10	30	54	35.5	17.75	17.75	15	10	374	30	205	
2786	1200		6	3	41	93	78	7	16	8	26	12	12	25	41	15	10	30	54	36.0	18.00	18.00	15	10	391	30	205	
2827	1220		6	3	43	94	78	7	16	8	26	12	12	25	41	15	10	30	54	42.5	21.25	21.25	15	10	395	30	205	
2867	1240		6	3	44	95	78	7	16	8	26	12	12	25	41	15	10	30	54	51.5	25.75	25.75	15	10	395	30	205	

Terminals	St. Johns Below McKay Point	Longe Canal	Sectional Boice A Sweeney	Loss	Ketchum	Pachwood Canal	Tulare Irrigation District	Fisher Kench	Loss	Mathews	Loss	Jennings	Loss	Uphill	Hodoc	Loss	St. Johns Ditch	Loss	Goshen	Herrell J. Herrell	Robert E. Herrell	Ellnor H. Black	Loss	Reelle Kench	Lakeside	Loss	Corcoran Canal Company	Kaweah Delta Water Conservation District	
89	20	8		3	6			3																					
115	40	8		3	10			10																					
162	60	8		3	23			9	16	1																			
209	80	8		3	36			9	16	6																			
256	100	8		3	47			9	16	8																			
303	120	8		3	49			9	16	8	26	1																	
350	140	8		3	49			9	16	10	26	6		12	2	1													
397	160	8		3	49			9	16	8	26	8		12	4	17													
446	180	9		3	44			9	16	10	26	8		12	12	40	10		1										
492	200	9		3	40			9	16	11	26	15		12	14	22	10		8	19									
671	220	9		3	36			9	16	11	26	15		12	16	30	10		8	25									
715	240	9	6	3	32			9	16	11	26	15		12	16	30	10		8	25	6.0	3.00	3.00						
760	260	9	6	3	28			9	16	11	26	15		12	17	35	10		8	25	15.0	7.50	7.50						
803	280	8	6	3	28			9	16	11	26	15		12	18	35	10		8	25	25.0	12.50	12.50						
847	300	8	6	3	28			9	16	11	26	15		12	20	35	10		8	25	25.5	12.75	12.75						
890	320	8	6	3	28			9	16	11	26	15		12	20	36	10		8	25	25.5	12.75	12.75	15					
930	340	8	6	3	28	6		9	16	11	26	15		12	20	36	10		8	25	25.5	12.75	12.75	15	15				
976	360	7	6	3	28	9	2	9	16	11	26	15		12	21	36	10		8	25	25.5	12.75	12.75	15	15				
1019	380	8	6	3	28	13	4	9	16	11	26	15		12	21	36	10		8	25	25.5	12.75	12.75	15	15				
1063	400	6	6	3	28	17	7	9	16	11	26	15		12	22	36	10		8	25	25.5	12.75	12.75	15	15				
1106	420	6	6	3	28	25	42	9	16	11	26	15		12	23	40	10		8	25	25.5	12.75	12.75	15	15				
1149	440	5	6	3	34	22	16	9	16	11	26	15		12	22	36	10		8	25	25.5	12.75	12.75	15	15				
1193	460	5	6	3	37	24	19	9	16	11	26	15		12	22	36	10		8	25	25.5	12.75	12.75	15	15				
1237	480	4	6	3	39	26	25	9	16	11	26	15		12	23	36	10		8	25	25.5	12.75	12.75	15	15				
1260	500	4	6	3	42	26	25	9	16	11	26	15		12	23	40	10		8	25	25.5	12.75	12.75	15	15				
1302	520	3	6	3	44	26	25	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1344	540	3	6	3	47	26	25	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1609	580	3	6	3	47	30	29	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1432	580	3	6	3	47	33	35	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1452	600	3	6	3	47	35	35	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1518	620	3	6	3	47	38	47	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1583	640	3	6	3	46	39	56	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1629	680	3	6	3	45	40	64	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1673	680	3	6	3	43	43	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1718	700	3	6	3	42	51	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1763	720	3	6	3	41	57	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1807	740	3	6	3	40	61	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1852	760	3	6	3	38	64	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1886	780	3	6	3	37	66	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1941	800	3	6	3	36	68	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
1985	820	3	6	3	35	69	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
2030	840	3	6	3	33	71	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
2074	860	3	6	3	32	73	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
2120	880	3	6	3	31	74	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
2164	900	3	6	3	30	76	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
2208	920	3	6	3	29	79	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
2253	940	3	6	3	27	81	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
2297	960	3	6	3	26	84	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
2343	980	3	6	3	25	85	76	9	16	11	26	15		12	23	40	10		8	30	25.5	12.75	12.75	15	15				
2385	1000	3	6	3	24	87	80	9	16	11	26	15		12	23	40	10		12	30	24	30.0	15.00	15.00	15	15			
2435	1020	10	6	3	22	89	81	9	16	21	26	20		12	23	40	15		12	30	27	30.0	15.00	15.00	15	15			
2485	1040	10	6	3	21	91	81	9	16	24	26	20		12	23	40	15		12	30	29	37.0	18.50	18.50	15	15			
2505	1060	10	6	3	23	93	81	9	16	24	26	20		12	23	40	15		12	30	36	42.5	21.25	21.25	15	15			
2546	1080	10	6	3	24	95	81	9	16	24	26	20		12	23	40	15		12	30	36	48.5	24.25	24.25	15	15			
2586	1100	10	6	3	25	97	81	9	16	24	26	20		12	23	40	15		12	30	43	51.0	25.50	25.50	15	15			
2626	1120	10	6	3	27	99	81	9	16	24	26	20		12	23	40	15		12	30	47	61.0	30.50	30.50	15	15			
2664	1140	10	6	3	28	101	81	9	16	24	26	20		12	23	40	15		12	30	52	67.0	33.50	33.50	15	15			
2706	1160	10	6	3	30	103	81	9	16	24	26	20		12	23	40	15		12	30	54	74.0	37.00	37.00	15	15			
2746	1180	10	6	3	32	105	81	9	16	24	26	20		12	23	40	15		12	30	54	75.5	37.75	37.75	15	15			
2787	1200	10	6	3	33	107	81	9	16	24	26	20		12	23	40	15		12	30	56	75.5	37.75	37.75	15	15			
2827	1220	10	6	3	35	109	81	9	16	24	26	20		12	23	40	15		12	30	56	75.5	37.75	37.75	15	15			
2867	1240	10	6	3	36	111	81	9	16	24	26	20		12	23	40	15		12	30	56	75.5	37.75	37.75	15	15			
2907	1260	10	6	3	37	113	81	9	16	24	26	20		12	23	40													

ST. JOHNS RIVER DIVERSION SCHEDULE (EXHIBIT B)
FOR APRIL

PHYSICAL SCI. LIB.

Terminus	St. Johns Below McKay Point	Longe Canal	Sentinel Butte 4 Sweeney	Loss	Ketchum	Packwood Canal	Tulare Irrigation District	Fisher Ranch	Loss	Yachewa	Loss	Jennings	Loss	Will	Modoc	Loss	St. Johns Ditch	Loss	Goshen	Harrell J. Harrell	Robert E. Harrell	Ellnor H. Black	Loss	Basile Ranch	Lakeside	Loss	Corcoran Canal Company	Kaweah Delta Water Conservation District
69	20	15		3	2																							
115	40	14		3	23																							
162	60	14		3	43																							
209	80	14		3	50			9	4																			
256	100	14		3	50			9	16	2	6																	
303	120	14		3	50			9	16	7	26																	
350	140	14		3	50			9	16	5	26	10	7															
397	160	14		3	50			9	16	7	26	11	12															
446	180	14		3	50			9	16	13	26	13	12	9	14	1												
492	200	14		3	50			9	16	14	26	13	12	12	22	9												
671	220	13		3	33			9	16	15	26	15	12	13	23	10	8	22										
715	240	13	3	3	34			9	16	16	26	19	12	14	24	10	8	25										
760	260	13	6	3	34			9	16	16	26	19	12	20	32	10	8	25										
803	280	12	8	3	33.5			9	16	16	26	20	12	21	36.5	10	8	25	4.5	2.25	2.25							
847	300	12	8	3	33.5			9	16	16	26	21	12	22	39.5	10	8	25	10.5	5.25	5.25							
890	320	12	8	3	33.5			9	16	16	26	22	12	24	42.5	10	8	25	18.0	9.00	9.00							
933	340	12	8	3	33.5			9	16	16	26	23	12	25	44.5	10	8	25	25.0	12.50	12.50							
976	360	12	8	3	33.5			9	16	16	26	23	12	26	46.5	10	8	25	25.0	12.50	12.50							
1019	380	11	8	3	34.5			9	16	16	26	24	12	27	47.5	10	8	25	25.0	12.50	12.50							
1062	400	10	8	3	34.5			9	16	16	26	24	12	28	48.5	10	8	25	25.0	12.50	12.50							
1106	420	10	8	3	34.5			9	16	16	26	24	12	29	49.5	10	8	25	25.0	12.50	12.50							
1149	440	10	8	3	35.5			9	16	16	26	24	12	29	49.5	10	8	25	25.0	12.50	12.50							
1193	460	9	8	3	35.5			9	16	16	26	24	12	29	49.5	10	8	25	25.0	12.50	12.50							
1237	480	9	8	3	35.5			9	16	16	26	24	12	29	49.5	10	8	25	25.0	12.50	12.50							
1280	500	9	8	3	35.5			9	16	16	26	24	12	29	49.5	10	8	25	25.0	12.50	12.50							
1322	520	8	8	3	36.5			9	16	16	26	24	12	29	49.5	10	8	25	25.0	12.50	12.50							
1366	540	8	8	3	36.5			9	16	16	26	24	12	29	49.5	10	8	25	25.0	12.50	12.50							
1409	560	8	8	3	36.5			9	16	16	26	24	12	29	49.5	10	8	25	25.0	12.50	12.50							
1452	580	7	8	3	36.5			9	16	16	26	24	12	29	49.5	10	8	25	25.0	12.50	12.50							
1495	600	7	8	3	36.5			9	16	16	26	25	12	29	49.5	10	8	25	25.0	12.50	12.50							
1539	620	7	8	3	36.5	14	35	9	16	16	26	25	12	29	49.5	10	8	25	25.0	12.50	12.50							
1583	640	6	8	3	36.5	26	38	9	16	16	26	25	12	29	49.5	10	8	25	25.0	12.50	12.50							
1629	660	6	8	3	36.5	31	44	9	16	16	26	25	12	29	49.5	10	8	25	25.0	12.50	12.50							
1673	680	6	8	3	36.5	34	50	9	16	16	26	25	12	29	49.5	10	8	25	25.0	12.50	12.50							
1718	700	6	8	3	36.5	36	56	9	16	16	26	25	12	29	49.5	10	8	25	25.0	12.50	12.50							
1763	720	6	8	3	36.5	48	63	9	16	16	26	25	12	29	49.5	10	8	25	25.0	12.50	12.50							
1807	740	6	8	3	36.5	53	68	9	16	16	26	25	12	29	49.5	10	8	25	25.0	12.50	12.50							
1852	760	6	8	3	36.5	54	70	9	16	16	26	25	12	29	49.5	10	8	25	25.0	12.50	12.50							
1896	780	6	8	3	36.5	52	71	9	16	16	26	25	12	29	49.5	10	8	25	25.0	12.50	12.50							
1941	800	6	8	3	39.5	56	73	9	16	16	26	25	12	30	52.5	15	8	25	25.0	12.50	12.50							
1985	820	6	8	3	39.5	59	78	9	16	16	26	25	12	31	58.5	15	8	25	25.0	12.50	12.50							
2030	840	6	8	3	39.5	62	81	9	16	16	26	26	12	31	58.5	15	8	25	25.0	12.50	12.50							
2074	860	6	8	3	40.5	68	85	9	16	16	26	26	12	31	58.5	15	8	25	25.0	12.50	12.50							
2120	880	6	8	3	41.5	72	88	9	16	16	26	26	12	32	58.5	15	8	25	25.0	12.50	12.50							
2164	900	6	8	3	41.5	77	93	9	16	16	26	26	12	34	58.5	15	8	25	25.0	12.50	12.50							
2208	920	6	8	3	41.5	82	98	9	16	16	26	26	12	35	58.5	15	8	25	25.0	12.50	12.50							
2253	940	6	8	3	41.5	87	103	9	16	16	26	26	12	35	58.5	15	8	25	25.0	12.50	12.50							
2297	960	6	8	3	42.5	95	108	9	16	16	26	26	12	35	58.5	15	8	25	25.0	12.50	12.50							
2343	980	6	8	3	42.5	99	112	9	16	16	26	26	12	35	59.5	15	8	25	25.0	12.50	12.50							
2385	1000	6	8	3	43.5	102	115	9	16	16	26	26	12	40	60.5	15	8	25	25.0	12.50	12.50							
2425	1020	6	8	3	44	104	117	9	16	17	26	26	12	43	61	15	12	30	27	25.0	12.50	12.50						
2465	1040	6	8	3	44	107	121	9	16	17	26	26	12	45	61	15	12	30	29	25.0	12.50	12.50						
2505	1060	6	8	3	45	108	130	9	16	17	26	27	12	45	61	15	12	30	34	25.0	12.50	12.50						
2546	1080	6	8	3	45	108	134	9	16	17	26	27	12	45	61	15	12	30	40	29.5	14.75	14.75						
2586	1100	6	8	3	46	108	134	9	16	17	26	27	12	45	61	15	12	30	43	30.0	15.00	15.00						
2628	1120	6	8	3	46	108	134	9	16	17	26	27	12	45	61	15	12	30	47	35.5	17.75	17.75						
2666	1140	6	8	3	46	108	134	9	16	17	26	27	12	45	61	15	12	30	52	42.5	21.25	21.25						
2706	1160	6	8	3	47	108	134	9	16	17	26	27	12	45	61	15	12	30	54	49.5	24.75	24.75						
2746	1180	6	8	3	47	108	134	9	16	17	26	27	12	45	61	15	12	30	54	57.5	28.75	28.75						
2786	1200	6	8	3	48	108	134	9	16	18	26	27	12	45	61	15	12	30	58	66.0	33.00	33.00						
2827	1220	6	8	3	48	108	134	9	16	19	26	27	12	45	61	15	12	30	54	74.5	37.25	37.25						
2867	1240	6	8	3	48	108	134	9	16	19	26	27	12	45	61	15	12	30	54	75.0	37.50	37.50						
2907	1260	6	8	3	49	108	134	9	16	20	26	27	12	45	61	15	12	30	54	75.0	37.50	37.50						
2947	1280	6	8	3	49	108	134	9	16	20	26	27	12	45	61	15	12	30	54	75.0	37.50	37.50						
2987	1300	6	8	3	50	108	134	9	16	20	26	27	12	45	61	15	12	30	54	75.0	37.50	37.50						
3028	1320	5	8	3	50	108	1																					

ST. JOHNS RIVER DIVERSION SCHEDULE (EXHIBIT B)
FOR MAY

Termine	St. Johns Below McKey Point	Longe Canal	Sentinel Butte & Sweeney	Loss	Katchum	Packwood	Tulare Irrigation District	Fisher Kanch	Loss	Matheve	Loss	Jennings	Loss	Uphill	Hodoc	Loss	St. Johns Otch	Loss	Goshen	Harrell J. Harrell	Robert E. Harrell	Elmer H. Black	Loss	Reale Raoch	Lakeside	Loss	Corcoran Canal Company	Keweenaw Delta Water Conservation District
69	20	14		3	3			8																				
115	40	14		3	15			9	2																			
182	60	14		3	32			9	6																			
209	80	14		3	48			9	18																			
256	100	14		3	58			9	18																			
301	120	14		3	58			9	20																			
350	140	14		3	58			9	20	4	30	4																
397	160	14		3	58			9	20	10	30	8	10															
445	180	14		3	58			9	20	15	30	14	12	1	8													
492	200	14		3	58			9	20	17	30	19	12	6	7													
571	220	14		3	33			9	20	17	30	19	12	10	18	10	8	16										
715	240	14		3	33			9	20	17	30	24	12	14	28	10	8	18										
760	260	14		3	33			9	20	17	30	25	12	23	36	10	8	12										
803	280	14		3	33			9	20	17	30	26	12	26	42	10	8	22										
847	300	14		3	33			9	20	17	30	26	12	27	44	10	8	25										
890	320	14		3	33			9	20	17	30	26	12	27	44	10	8	25	7.0	3.50	3.50							
933	340	14		3	33			9	20	17	30	26	12	27	44	10	8	25	25.5	12.75	12.75	3						
976	360	14		3	33			9	20	17	30	26	12	27	44	10	8	25	25.5	12.75	12.75	15	7					
1019	380	14		3	33			9	20	17	30	26	12	27	44	10	8	25	25.5	12.75	12.75	15	15					
1063	400	14		3	33			9	20	17	30	26	12	27	44	10	8	25	25.5	12.75	12.75	15	15					
1106	420	14		3	33			9	20	18	30	27	12	29	50	10	8	25	25.5	12.75	12.75	15	15					
1149	440	14		3	33			9	20	18	30	27	12	30	51	10	8	25	25.5	12.75	12.75	15	15					
1193	460	14		3	33			9	20	18	30	27	12	31	51	10	8	25	25.5	12.75	12.75	15	15					
1237	480	14		3	33			9	20	18	30	27	12	31	51	10	8	25	25.5	12.75	12.75	15	15					
1280	500	14		3	34			9	20	18	30	27	12	31	51	10	8	25	25.5	12.75	12.75	15	15					
1322	520	14		3	34		2	9	20	18	30	27	12	31	51	10	8	25	25.5	12.75	12.75	15	15					
1366	540	14		3	35		5	9	20	18	30	27	12	31	51	10	8	28	25.5	12.75	12.75	15	15					
1409	560	14		3	37		17	9	20	18	30	27	12	31	51	10	8	30	25.5	12.75	12.75	15	15					
1452	580	14		3	38		21	9	20	18	30	27	12	31	51	10	8	30	25.5	12.75	12.75	15	15					
1495	600	14		3	39		23	9	20	18	30	27	12	31	51	10	8	30	25.5	12.75	12.75	15	15					
1539	620	14		3	40		25	9	20	18	30	27	12	31	51	10	8	30	25.5	12.75	12.75	15	15					
1583	640	14		3	41		27	9	20	18	30	27	12	32	51	10	8	30	25.5	12.75	12.75	15	15					
1629	660	14		3	42		29	9	20	19	30	27	12	32	51	10	8	30	25.5	12.75	12.75	15	15					
1673	680	14		3	43		31	9	20	19	30	27	12	32	51	10	8	30	25.5	12.75	12.75	15	15					
1718	700	14		3	45		33	9	20	19	30	27	12	32	51	10	8	30	25.5	12.75	12.75	15	15					
1763	720	14		3	46		35	9	20	19	30	27	12	32	51	10	8	30	25.5	12.75	12.75	15	15					
1803	740	14		3	47		37	9	20	19	30	27	12	33	51	10	8	30	25.5	12.75	12.75	15	15					
1852	760	14		3	48		39	9	20	19	30	27	12	33	51	10	8	30	25.5	12.75	12.75	15	15					
1896	780	14		3	50		41	9	20	20	30	27	12	33	51	10	8	30	25.5	12.75	12.75	15	15					
1941	800	14		3	51		43	9	20	20	30	27	12	33	51	10	8	30	25.5	12.75	12.75	15	15					
1985	820	14		3	52		45	9	20	20	30	27	12	33	51	10	8	30	25.5	12.75	12.75	15	15					
2030	840	14		3	53		47	9	20	20	30	27	12	33	51	10	8	30	25.5	12.75	12.75	15	15					
2074	860	14		3	55		49	9	20	20	30	27	12	33	51	10	8	30	25.5	12.75	12.75	15	15					
2120	880	14		3	58		51	9	20	20	30	27	12	33	51	10	8	30	25.5	12.75	12.75	15	15					
2164	900	14		3	57		51	9	20	21	30	27	12	33	51	10	8	30	25.5	12.75	12.75	15	15					
2208	920	14		3	59		53	9	20	21	30	27	12	33	51	10	8	30	25.5	12.75	12.75	15	15					
2253	940	14		3	60		54	9	20	21	30	27	12	33	51	10	8	30	25.5	12.75	12.75	15	15					
2297	960	14		3	61		55	9	20	21	30	27	12	34	51	10	8	30	25.5	12.75	12.75	15	15					
2343	980	14		3	62		56	9	20	21	30	27	12	34	51	10	8	30	25.5	12.75	12.75	15	15					
2385	1000	14		3	62		56	9	20	21	30	27	12	34	51	10	8	30	25.5	12.75	12.75	15	15					
2425	1020	14		3	62		56	9	20	21	30	27	12	34	51	10	8	30	25.5	12.75	12.75	15	15					
2465	1040	14		3	62		56	9	20	22	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15	15					
2505	1060	14		3	62		56	9	20	22	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15	15					
2546	1080	14		3	62		56	9	20	22	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15	15					
2586	1100	14		3	62		56	9	20	22	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15	15					
2626	1120	14		3	62		56	9	20	22	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15	15					
2666	1140	14		3	62		56	9	20	22	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15	15					
2706	1160	14		3	62		56	9	20	23	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15	15					
2746	1180	14		3	62		56	9	20	23	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15	15					
2786	1200	14		3	62		56	9	20	23	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15	15					
2827	1220	14		3	62		56	9	20	23	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15	15					
2867	1240	14		3	62		56	9	20	23	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15	15					
2907	1260	14		3	62		56	9	20	23	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15	15					
2947	1280	14		3	62		56	9	20	24	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15	15					
2987	1300	14		3	63		56	9	20	24	30	27	12	34	55	10	8	30	25.5	12.75	12.75	15						

ST. JOHNS RIVER DIVERSION SCHEDULE (EXHIBIT B)
For June

PHYSICAL SCI. LIB.

Terminus	St. Johns Below McKay Point	Longa Canal	Sectional Butte & Sweeney	Loss	Ketchum	Peckwood Canal	Tulare Irrigation District	Fisher Ranch	Loss	Mathews	Loss	Jennings	Loss	Lphill	Modoc	Loss	St. Johns Ditch	Loss	Goshen	Harrell J. Harrell	Robert E. Harrell	Elinor B. Black	Loss	Basile Ranch	Lakealde	Loss	Corcoran Canal Company	Kaweah Delta Water Conservation District
69	70	12		3	5			6																				
115	40	12		3	19			9																				
162	60	12		3	32			9	4																			
209	80	12		3	45			9	11																			
256	100	12		3	55			9	20	1																		
303	120	12		3	55			9	20	10	11																	
350	140	12		3	55			9	20	12	29																	
397	160	12		3	55			9	20	13	30																	
446	180	12		3	55			9	20	14	30	13	12	7	5													
492	200	12		3	43			9	20	15	30	15	12	20	21													
671	270	12	6	3	24			9	20	10	30	12	12	17	19	10	8	25		5		25						
715	240	12	6	3	23			9	20	11	30	13	10	20	24	10	8	25		6.0		3.00						
760	260	12	6	3	23			9	20	11	30	14	12	21	25	10	8	25		14.5		7.25						
803	280	12	6	3	22			9	20	12	30	15	12	23	28	10	8	25		21.5		10.75						
847	300	12	6	3	21			9	20	12	30	16	12	24	30	10	8	25		28.0		14.00						
890	320	12	6	3	21			9	20	12	30	17	12	25	32	10	8	25		31.0		15.50						
933	340	12	6	3	23			9	20	13	30	18	12	26	34	10	8	25		34.0		17.00						
976	360	12	6	3	24			9	20	13	30	18	12	26	35	10	8	25		34.5		17.25						
1019	380	12	6	3	24			9	20	14	30	18	12	26	36	10	8	25		34.5		17.25						
1062	400	12	6	3	24			9	20	14	30	18	12	26	36	10	8	25		35.5		17.75						
1106	420	12	6	3	25			9	20	14	30	18	12	26	39	10	8	25		35.5		17.75						
1149	440	12	6	3	26			9	20	14	30	19	12	26	40	10	8	25		35.5		17.75						
1193	460	12	6	3	27			9	20	14	30	19	12	26	41	10	8	25		35.5		17.75						
1237	480	12	6	3	28			9	20	15	30	20	12	27	42	10	8	25		35.5		17.75						
1280	500	12	6	3	29			9	20	16	30	20	12	27	43	10	8	25		35.5		17.75						
1322	520	12	6	3	30			9	20	16	30	21	12	28	44	10	8	25		35.5		17.75						
1366	540	12	6	3	31			9	20	16	30	21	12	28	44	10	8	25		35.5		17.75						
1409	560	12	6	3	32			9	20	16	30	21	12	28	45	10	8	25		35.5		17.75						
1452	580	12	6	3	33			9	20	16	30	21	12	28	45	10	8	25		35.5		17.75						
1495	600	12	6	3	33			9	20	16	30	21	12	28	46	10	8	25		35.5		17.75						
1539	620	12	6	3	33			9	20	16	30	21	12	28	46	10	8	25		35.5		17.75						
1583	640	12	6	3	34			9	20	16	30	23	12	28	46	10	8	25		35.5		17.75						
1629	660	12	6	3	36			9	20	16	30	23	12	28	46	10	8	25		35.5		17.75						
1673	680	12	6	3	37			9	20	16	30	23	12	28	46	13	8	25		35.5		17.75						
1718	700	12	6	3	39			9	20	16	30	23	12	28	46	15	8	25		35.5		17.75						
1763	720	12	6	3	41			9	20	17	30	23	12	28	46	15	8	25		35.5		17.75						
1807	740	12	6	3	43			9	20	18	30	24	12	28	46	15	8	25		35.5		17.75						
1852	760	12	6	3	44			9	20	18	30	24	12	28	47	15	8	25		35.5		17.75						
1896	780	12	6	3	46			9	20	18	30	24	12	28	47	15	8	25		35.5		17.75						
1941	800	12	6	3	48			9	20	18	30	25	12	28	47	15	8	25		35.5		17.75						
1985	820	12	6	3	50			9	20	18	30	25	12	28	47	15	8	25		35.5		17.75						
2030	840	12	6	3	53			9	20	18	30	25	12	28	47	15	8	25		35.5		17.75						
2074	860	12	6	3	55			9	20	18	30	25	12	28	47	15	8	25		35.5		17.75						
2120	880	12	6	3	56			9	20	19	30	25	12	28	48	15	8	25		35.5		17.75						
2164	900	12	6	3	57			9	20	19	30	26	12	28	48	15	8	25		35.5		17.75						
2208	920	12	6	3	57			9	20	19	30	26	12	28	48	15	8	25		35.5		17.75						
2253	940	12	6	3	58			9	20	19	30	26	12	28	48	15	8	25		35.5		17.75						
2297	960	12	6	3	58			9	20	20	30	27	12	28	48	15	8	25		35.5		17.75						
2343	980	12	6	3	59			9	20	20	30	27	12	28	49	15	8	25		35.5		17.75						
2385	1000	12	6	3	59			9	20	21	30	27	12	28	49	15	8	25		35.5		17.75						
2425	1020	12	6	3	59			9	20	21	30	27	12	28	49	15	8	25		35.5		17.75						
2465	1040	12	6	3	60			9	20	21	30	27	12	28	49	15	8	25		35.5		17.75						
2505	1060	13	6	3	60			9	20	21	30	27	12	28	50	15	8	25		35.5		17.75						
2546	1080	13	6	3	60			9	20	21	30	27	12	28	50	15	8	25		35.5		17.75						
2586	1100	13	6	3	61			9	20	21	30	27	12	28	50	15	8	25		35.5		17.75						
2626	1120	13	6	3	62			9	20	21	30	27	12	28	50	15	8	25		35.5		17.75						
2666	1140	13	6	3	63			9	20	22	30	27	12	28	50	15	8	25		35.5		17.75						
2706	1160	13	6	3	64			9	20	22	30	27	12	28	50	15	8	25		35.5		17.75						
2746	1180	13	6	3	65			9	20	22	30	27	12	28	50	15	8	25		35.5		17.75						
2786	1200	13	6	3	66			9	20	23	30	27	12	28	50	15	8	25		35.5		17.75						
2827	1220	13	6	3	66			9	20	24	30	28	12	28	51	15	8	25		35.5		17.75						
2867	1240	13	6	3	66			9	20	24	30	28	12	28	51	15	8	25		35.5		17.75						
2907	1260	13	6	3	66			9	20	24	30	28	12	28	51	15	8	25		35.5		17.75						
2947	1280	13	6	3	66			9	20	24	30	28	12	28	51	15	8	25		35.5		17.75						
2987	1300	13	6	3	66			9	20	24	30	28	12	28	51	15	8	25		35.5		17.75						
3028	1320	13	6	3	66			9	20	24	30	28	12	28	51	15	8	25		35.5		17.75						
3068	1340	13	6	3	66			9	20	25	30	28	12	28	51	15	8	25		35.5		17.75						
3108	1360	13	6	3	66			9	20	25	30	28	12	28	51	15	8	25		35.5		17.75						
3148	1380	13	6	3	66			9	20	25	30	28	12	28	51	15	8	25		35.5		17.75						
3188	1400	13	6	3	66			9	20	25	30	28	12	28	51	15	8	25										

ST. JOHNS RIVER DIVERSION SCHEDULE (EXHIBIT B)
For July and August

Terminus	St. Johns Below McKay Point	Longe Canal	Sentinel Butte & Sweeney	Loss	Ketchum	Packwood Canal	Tulare Irrigation District	Fisher Ranch	Loss	Mathews	Loss	Jennings	Loss	Uphill	Modoc	Loss	St. Johns Ditch	Loss	Coshen	Marrell J. Marrell	Robert E. Marrell	Elinor H. Marrell	Loss	Basile	Lakeide	Corcoran Canal Company	Kaweah Delta Water Conservation District
69	20	12		3	5																						
115	40	12		3	22			1																			
162	60	12		3	36			9																			
209	80	12		3	55			9	1																		
256	100	12		3	55			9	20	1																	
305	125	12		3	55			9	20	4	1																
350	140	12		3	55			9	20	7	40	4															
397	160	12		3	55			9	20	7	10	5															
446	180	12		3	55			9	20	11	10	14															
492	200	12		3	55			9	20	11	10	14															
671	220	12	8	3	33			9	20	12	10	14															
715	240	12	8	3	23			9	20	12	10	14															
760	260	12	8	3	23			9	20	12	10	14															
803	280	12	8	3	22			9	20	12	10	14															
847	300	12	8	3	21			9	20	12	10	14															
890	320	12	8	3	22			9	20	12	10	17															
933	340	12	8	3	23			9	20	12	10	18															
976	360	12	8	3	24			9	20	12	10	18															
1019	380	12	8	3	24			9	20	12	10	18															
1063	400	12	8	3	24			9	20	12	10	18															
1106	420	12	8	3	25	1		9	20	12	10	18															
1149	440	12	8	3	26	8		9	20	12	10	19															
1193	460	12	8	3	27	11	2	9	20	12	10	19															
1237	480	12	8	3	28	11	6	9	20	12	10	20															
1280	500	12	8	3	29	12		9	20	12	10	21															
1322	520	12	8	3	30	17	10	9	20	12	10	22															
1366	540	12	8	3	31	20	12	9	20	12	10	23															
1409	560	12	8	3	31	20	13	9	20	12	10	24															
1452	580	12	8	3	32	26	17	9	20	12	10	24															
1495	600	12	8	3	33	32	21	9	20	12	10	24															
1539	620	12	8	3	34	39	24	9	20	12	10	24															
1583	640	12	8	3	35	46	28	9	20	12	10	24															
1629	660	12	8	3	35	51	31	9	20	12	10	24															
1673	680	12	8	3	37	67	31	9	20	12	10	24															
1718	700	12	8	3	39	84	32	9	20	12	10	24															
1763	720	12	8	3	41	90	38	9	20	12	10	24															
1807	740	12	8	3	43	95	43	9	20	12	10	25															
1852	760	12	8	3	44	100	49	9	20	12	10	25															
1896	780	12	8	3	46	106	53	9	20	12	10	26															
Above 1941		12	8	3	48	113	59	9	20	12	10	26															

NOTES: 1. Between 535 CFS and 655 CFS at Terminus, flow for St. Johns is diverted into the Wutchuma Main Canal for the Barton Cut Right.

2. Flows are divided equally between the Kaweah and St. Johns Branches, with the exception that once the flow has receded to 80 second-feet in the late summer months, the entire flow, regardless of amount is diverted into the Kaweah Branch until the first time it exceeds 80 second-feet after October 1.

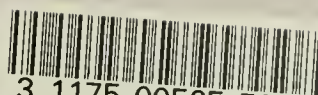
3. Units participating in any loss set forth in the schedule shall be allocated their proportionate share of the loss on the basis of their headgate entitlement during the period for which such loss is determined for the purpose of determining such unit's share of river flow at Terminus Dam, and any such parties share of such loss shall be added to its storage entitlement to the extent the flow upon which such loss is based is placed in storage.

THIS BOOK IS DUE ON THE LAST DATE
STAMPED BELOW

BOOKS REQUESTED BY ANOTHER BORROWER
ARE SUBJECT TO RECALL AFTER ONE WEEK.
RENEWED BOOKS ARE SUBJECT TO
IMMEDIATE RECALL

LIBRARY, UNIVERSITY OF CALIFORNIA, DAVIS

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